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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

2,949,127

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

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

2,949,127

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After February 19, 2019

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

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

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

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

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

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

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

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

4. Late payment fee

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

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$260**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

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

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

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**260 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

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

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

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

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

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

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

13. Énoncé de pratique

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

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

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

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

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

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

Offices.

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

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

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

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

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

14. Correspondence Procedures

June 20, 2017

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.

1.1 Designated Establishments

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

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

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

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

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

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

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

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

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

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.

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.

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

2. Electronic Correspondence

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

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.

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.

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.

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.

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.

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.

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.

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.

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

2.1 Facsimile

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

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

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

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

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

Patents

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

2.1 Correspondance par télécopieur

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

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

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

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

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

Brevets

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

2.2 Online

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

Patents

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

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

2.2 En ligne

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

Brevets

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

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

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

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trademarks

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

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

Marques de commerce

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

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

Copyright

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

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

Droits d'auteur

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

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

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

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

Industrial Designs

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

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

Dessins industriels

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

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

Integrated Circuit Topographies

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

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

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

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

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

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

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

2.3 Supports électroniques

Brevets

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

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

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

application itself or amendment(s) thereof.

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

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

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

the PCT Administration Instructions.

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

F des Instructions administratives du PCT.

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

3. Details concerning the electronic formats accepted

Patents

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

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

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

TIFF Format:

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

PDF Format:

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

3. Précisions concernant les formats électroniques acceptés

Brevets

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

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

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

Format TIFF

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

Format PDF

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

ASCII

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

ASCII

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

Industrial Design

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

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

TIFF Format:

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

Photographs in JPEG Format:

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

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

Dessins industriels

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

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

Format TIFF :

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

Photographies en format JPEG :

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

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

4. General Information

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

4. Renseignements généraux

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

5. Statutory Holidays

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

5. Jours fériés

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

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

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

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

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

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

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

Time limits under the Patent and Trade-marks Acts

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

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

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

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

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

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

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

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

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

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

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

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

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

Délais prévus dans le Traité de coopération en matière de brevets

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

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

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

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

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

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

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

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

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

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

Provincial and Territorial Holidays

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

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

Jours fériés provinciaux ou territoriaux

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

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

When CIPO's Offices are closed for business

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

Jours de fermeture des bureaux de l'OPIC au public

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

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

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

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

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

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

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

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

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

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

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

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

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

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

deposit account number.

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

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

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

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

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

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

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

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

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

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

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

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

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

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

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

Marques de commerce

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

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

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

8. Intellectual property acts, rules and regulations

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 9, 2019 contains applications open to public inspection from March 24, 2019 to March 30, 2019.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 9 avril 2019 contient les demandes disponibles au public pour consultation pour la période du 24 mars 2019 au 30 mars 2019.

Canadian Patents Issued

April 9, 2019

Brevets canadiens délivrés

9 avril 2019

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[11] **2,435,180**
[13] C
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[54] **ANTICORPS MONOCLONAUX DIRIGES CONTRE LE DOMAINE LG4-5 DE LA CHAINE ALPHA3 DE LA LAMININE-5 HUMAINE**
[72] ROUSSELLE, PATRICIA, FR
[72] LETOURNEUR, FRANCOIS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE CLAUDE BERNARD LYON 1, FR
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[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU NITRITE DE SODIUM**
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[72] LEPINE, ANTHONY JAMES, US
[72] SMITH, CATHERINE MARIE, US
[72] WIRTZ, KEVIN ROBERT, US
[72] SCHULZE, ERICH, US
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[54] **ELECTRICAL CABLE HAVING CROSSLINKED INSULATION WITH INTERNAL PULLING LUBRICANT**
[54] **CABLE ELECTRIQUE A ISOLANT RETICULE AVEC LUBRIFIANT DE TRACTION INTERNE**
[72] SASSE, PHILIP, US
[72] ANDREA, TIM, US
[73] SOUTHWIRE COMPANY, LLC, US
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[54] **ANTI-FGFR3 ANTIBODIES AND METHODS USING SAME**
[54] **ANTICORPS ANTI-FGFR3 ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] ASHKENAZI, AVI, US
[72] QING, JING, US
[72] WIESMANN, CHRISTIAN, CH
[72] WU, YAN, US
[73] GENENTECH, INC., US
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[54] **WING EXTENSION CONTROL SURFACE**
[54] **SURFACE DE COMMANDE D'EXTENSION D'AILE**
[72] COLLINS, BOB, US
[72] STAMPS, FRANK B., US
[72] CORRIGAN, JOHN J., III, US
[72] DREIER, MARK E., US
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[54] **MULTI-MODE AND MULTI-PITCH CONVEYOR SYSTEM**
[54] **SYSTEME DE TRANSPORT A PLUSIEURS LONGUEURS ET PLUSIEURS MODES**
[72] KLEINIKKINK, ALBERT, CA
[72] TAYLOR, JAVAN, CA
[72] LEE, JEFF, CA
[72] NORTHEY, BRAD, CA
[72] JONES, JAYSON, CA
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[54] **PRODUCTION DE CELLULES PLURIPOTENTES REPROGRAMMEES**
[72] ITESCU, SILVIU, AU
[73] MESOBLAST, INC., US
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[54] **SYSTEME DE REGISTRE D'ACTIVITE POUR UN EQUIPEMENT DE TRAITEMENT DE PATIENT**
[72] JONSSON, JORGEN, SE
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[54] **REMOTE SHAFT DRIVEN OPEN ROTOR PROPULSION SYSTEM WITH ELECTRICAL POWER GENERATION**
[54] **SYSTEME DE PROPULSION DE ROTOR OUVERT ENTRAINE PAR ARBRE A DISTANCE AVEC GENERATION D'ELECTRICITE**
[72] EAMES, DAVID JOHN HOWARD, US
[73] ROLLS-ROYCE CORPORATION, US
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[54] **CLIMATISEUR FAISANT APPEL A LA TEMPERATURE DIFFERENTIELLE DES GAZ D'EVACUES POUR EGALISER LA TEMPERATURE DE L'ECHANGEUR EXTERIEUR**
[72] YANG, TAI-HER, TW
[73] YANG, TAI-HER, CN
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[87] (2761225)
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[54] **TAMPON HEMOSTATIQUE**
[72] FORTIER, JASON, US
[72] HULL, LES, US
[73] COVIDIEN LP, US
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[54] **STATOR ELEMENT FOR AN ELECTRICAL MACHINE**
[54] **ELEMENT STATOR POUR UNE MACHINE ELECTRIQUE**
[72] SEMMER, SILVIO, DK
[72] STIESDAL, HENRIK, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PROCEDE DE REGENERATION HORS SITE DE CATALYSEURS SOLIDES.**
[72] KERLEAU, PHILIPPE, FR
[72] DUFRESNE, PIERRE, FR
[73] EURECAT S.A., FR
[86] (2763514)
[87] (2763514)
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[54] **SUBMERSIBLE WATER CIRCULATION SYSTEM FOR ENCLOSED TANKS**
[54] **SYSTEME DE CIRCULATION D'EAU SUBMERSIBLE POUR RESERVOIRS ENCLOISONNES**
[72] WALTER, DOUGLAS P., US
[72] BLETH, JOEL J., US
[72] TORMASCHY, WILLARD R., US
[72] SIMNIONIW, COREY M., US
[72] ZENT, JONATHON L., US
[73] MEDORA ENVIRONMENTAL, INC., US
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[54] **SODIUM THIOSULFATE-CONTAINING PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU THIOSULFATE DE SODIUM**
[72] SHERMAN, CRAIG, US
[72] SMITH, CATHERINE MARIE, US
[72] WIRTZ, KEVIN ROBERT, US
[72] SCHULZE, ERICH, US
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[54] **PROTECTION CONTRE LA COPIE**
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[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **CALE D'EXPEDITION AVEC VERROUILLAGE**
[72] KOSTRZEWSKI, STANISLAW, US
[73] TYCO HEALTHCARE GROUP LP, CA
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[87] (2767650)
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[54] **POWER MANAGERS, METHODS FOR OPERATING A POWER MANAGER, AND METHODS FOR OPERATING A POWER NETWORK**
[54] **MOYENS DE GESTION DE RESEAUX ELECTRIQUES, PROCEDES DE FONCTIONNEMENT D'UN MOYEN DE GESTION ELECTRIQUE ET PROCEDES DE FONCTIONNEMENT D'UN RESEAU ELECTRIQUE**
[72] ROBINSON, PHILIP T., US
[72] DZIENGELESKI, SETH M., US
[72] KAZMIERCZAK, JAMES K., US
[72] HOLIGAN, DAVID J., US
[73] REVISION MILITARY SOLDIER POWER, LLC, US
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[25] EN
[54] **SIMULTANEOUS, INTEGRATED SELECTION AND EVOLUTION OF ANTIBODY/PROTEIN PERFORMANCE AND EXPRESSION IN PRODUCTION HOSTS**
[54] **SELECTION ET EVOLUTION INTEGREES SIMULTANEES DE LA PERFORMANCE ET DE L'EXPRESSION D'UN ANTICORPS/D'UNE PROTEINE CHEZ DES HOTES DE PRODUCTION**
[72] SHORT, JAY MILTON, US
[73] BIOATLA, LLC, US
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[54] **ENROBAGE A BASE D'UNE SUSPENSION DE CHOCOLAT ET DE BEURRE DE CACAHUETE POUR PRODUITS DE GRIGNOTAGE**
[72] NACK, THOMAS J., US
[72] POLLEN, NOEL R., US
[72] GEOFFRION, JAMES W., US
[73] GENERAL MILLS, INC., US
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[54] **ENZYMES DE CLIVAGE DE SNARE A ACTION RAPIDE**
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[72] FLETCHER, MARYANN D., US
[72] MARTIN, BRIAN M., US
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[73] FLETCHER, MARYANN D., US
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[54] **TRAITEMENT DE TROUBLES LIES AU FNDC AU MOYEN DE LAQUINIMOD**
[72] HAYARDENY, LIAT, IL
[73] ACTIVE BIOTECH AB, SE
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[54] **WOUND DRESSINGS, METHODS OF USING THE SAME AND METHODS OF FORMING THE SAME**
[54] **PANSEMENTS, PROCEDES D'UTILISATION DE CEUX-CI ET PROCEDES DE FORMATION DE CEUX-CI**
[72] STASKO, NATHAN, US
[72] BAUMAN, SUSANNE, US
[72] JOSHI, PRANAV R., US
[73] NOVAN, INC., US
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[54] **OVERMOLDED WHEEL-BALANCING WEIGHT**
[54] **POIDS D'EQUILIBRAGE DE ROUE SURMOULE**
[72] PREVOST, JEAN, CA
[72] SEGUIN, DIDIER-BERNARD, CA
[72] LUSSIER, MARTIN, CA
[73] PLOMBCO INC., CA
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[54] **COMMUNICATIONS BASED CROSSING CONTROL FOR LOCOMOTIVE-CENTRIC SYSTEMS**
[54] **COMMANDE DE TRAVERSE POUR SYSTEMES CENTRAUX DE LOCOMOTIVE, BASEE SUR LES COMMUNICATIONS**
[72] NICHTER, KEVIN, US
[73] SIEMENS INDUSTRY, INC., US
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[54] **VALVE HYBRIDE POUR LA PRODUCTION DE MELANGES DE GAZ**
[72] STEELE, GEOFF, CA
[73] RAISE PRODUCTION, INC., CA
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[54] **PASTEURISATION A HAUTE PRESSION DE VIANDES HACHEES**
[72] PARKER, JAY DAVID, US
[72] ZENTZ, BROCK AARON, US
[73] CARGILL, INCORPORATED, US
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[54] **DIE AND METHOD FOR IMPREGNATING FIBER ROVINGS**
[54] **MATRICE ET METHODE D'IMPREGNATION DES RUBANS DE FIBRES**
[72] REGAN, TIMOTHY A., US
[72] JOHNSON, AARON H., US
[72] EASTEP, DAVID W., US
[73] TICONA LLC, US
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[54] **FREIN DE CHARIOT A MAIN**
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[73] TORRISON, MARK E., US
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[54] **FC REGION-CONTAINING POLYPEPTIDES THAT EXHIBIT IMPROVED EFFECTOR FUNCTION DUE TO ALTERATIONS OF THE EXTENT OF FUCOSYLATION, AND METHODS FOR THEIR USE**
[54] **POLYPEPTIDES CONTENANT UNE REGION FC QUI PRESENTENT UNE FONCTION D'EFFECTEUR AMELIOREE DUE A DES MODIFICATIONS DE L'ETENDUE DE LA FUCOSYLATION, ET LEURS METHODES D'UTILISATION**
[72] JOHNSON, LESLIE S., US
[72] RAINEY, GODFREY JONAH ANDERSON, US
[72] LERNER, LAURA, US
[72] GORLATOV, SERGEY, US
[73] MACROGENICS, INC., US
[85] 2012-04-02
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[54] **PIPE COMPRESSION CLAMP**
[54] **COLLIER DE COMPRESSION DE TUYAU**
[72] BROOKS, CARL, US
[72] MEHLENBACHER, LARRY, US
[73] WESTERN SPECIALTIES, LLC, US
[86] (2776735)
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[25] EN
[54] **INSULIN LIKE PEPTIDES**
[54] **PEPTIDES INSULINOIDES**
[72] BARLOS, KLEOMENIS, GR
[72] BARLOS, KONSTANTINOS, GR
[73] CHEMICAL & BIOPHARMACEUTICAL LABORATORIES OF PATRAS SA, GR
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[25] EN
[54] **BULK TEXTURED MATERIAL SHEETING**
[54] **REVETEMENT EN MATERIAU TEXTURE EN VRAC**
[72] ARBESMAN, RAY, CA
[72] PHAM, NGHI, CA
[72] MACKELVIE, WINSTON, CA
[73] GRIPMETAL LIMITED, IE
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[72] MARTINEZ GONZALEZ, SONIA, ES
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[73] HUAWEI DEVICE (DONGGUAN) CO., LTD., CN
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[54] **THERAPIES UTILISANT UN INHIBITEUR D'AUTOPHAGIE A BASE DE THIOXANTHONE POUR TRAITER LE CANCER**
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[54] **ARMATURE THERMOPLASTIQUE POUR PROFILE D'ETANCHEITE OU D'ENJOLIVEUR DE VEHICULE AUTOMOBILE, SON PROCEDE DE FABRICATION ET CE PROFILE L'INCORPORANT**
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[72] ZHOU, DEJUN, US
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[54] **PROTEASE SCREENING METHODS AND PROTEASES IDENTIFIED THEREBY**
[54] **PROCEDES DE CRIBLAGE DE PROTEASES ET PROTEASES IDENTIFIEES PAR LESDITS PROCEDES**
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[54] **SYSTEMES D'INDICATION ET DE DETECTION DE CHOCS INTRA-EXTRA ORAUX ET AUTRES SYSTEMES D'INDICATION ET DE DETECTION DE CHOCS**
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[54] **DISPOSITIF DE DETECTION DE L'HUMIDITE A EMPLOYER AVEC UN DISPOSITIF DE SURVEILLANCE D'UN ACCES A UN PATIENT, NOTAMMENT POUR LA SURVEILLANCE DE L'ACCES VASCULAIRE LORS D'UN TRAITEMENT SANGUIN EXTRACORPOREL**
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[54] **METHODES DE REGLAGE D'UN SYSTEME DE NAVIGATION RELATIVE**
[72] FELDMANN, MICHAEL STEVEN, US
[72] SAGGIO, FRANK, III, US
[72] WASHBURN, JOHN ROBERT, US
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[54] **DISTRIBUTEUR DE GLACONS AVEC BROYEUR POUR REFRIGERATEUR**
[72] NUSS, BART ANDREW, US
[72] MITCHELL, ALAN JOSEPH, US
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[73] SONDEX WIRELINE LIMITED, GB
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[72] DREW, JEFFREY, GB
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[54] **WEARABLE AUTOMATIC INJECTION DEVICE FOR CONTROLLED DELIVERY OF THERAPEUTIC AGENTS**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE PORTABLE POUR L'ADMINISTRATION CONTROLEE D'AGENTS THERAPEUTIQUES**
[72] ANDERSON, PHILIP D., US
[72] JULIAN, JOSEPH F., US
[72] LAURUSONIS, LINAS P., US
[72] PARMER, TIMOTHY, US
[72] YOCH, TRAVIS, US
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[54] **PROCEDE ET SYSTEME DE MAPPAGE D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE**
[72] ZHANG, JIANZHONG, US
[72] NAM, YOUNG-HAN, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[72] WINCHELL, JONAS M., US
[72] WARNER, AGNES, US
[72] THURMAN, KATHLEEN, US
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[54] **INHIBITEURS D'ARGINASE ET LEURS APPLICATIONS THERAPEUTIQUES**
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[72] GOLEBIOWSKI, ADAM, US
[72] JI, MIN KOO, US
[72] WHITEHOUSE, DARREN, US
[72] RYDER, TODD, US
[72] BECKETT, PAUL, US
[73] MARS, INCORPORATED, US
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[72] BONASIA, GAETANO, US
[72] FANZUTTI, ROBERT F., US
[73] HUBBELL INCORPORATED, US
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[54] **SUBSTANCES ET PROCEDES DE LUTTE CONTRE LA POUSSIERE ET LES MAUVAISES ODEURS**
[72] JOLLEZ, PAUL, CA
[73] 9360-3561 QUEBEC INC., CA
[85] 2012-10-26
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[54] **CLONING AND EXPLOITATION OF A FUNCTIONAL R-GENE FROM SOLANUM X EDINENSE**
[54] **CLONAGE ET EXPLOITATION D'UN GENE FONCTIONNEL DE RESISTANCE PROVENANT DE SOLANUM X EDINENSE**
[72] DE VETTEN, NICOLAAS CLEMENS MARIA HENRICUS, NL
[72] VERZAUX, ESTELLE CELINE, NL
[72] VOSSEN, JACOBUS HUBERTUS, NL
[72] RIETMAN, HENDRIK, NL
[72] VLEESHOUWERS, VIVIANNE GERTRUDA ANTONIA ANNA, NL
[72] JACOBSEN, EVERT, NL
[72] VISSER, RICHARD GERARDUS FRANCISCUS, NL
[73] COOEPERATIE AVEBE U.A., NL
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[54] **ANTI-HUMAN EQUILIBRATIVE NUCLEOSIDE TRANSPORTER 1 (HENT1) ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-TRANSPORTEUR DE NUCLEOSIDE EQUILIBRANT HUMAIN 1 (HENT1) ET PROCEDES POUR LES UTILISER**
[72] SANDVOLD, MARIT LILAND, NO
[72] CASS, CAROL E., CA
[72] YOUNG, JAMES D., CA
[72] MYHREN, FINN, NO
[73] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[85] 2012-10-30
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[54] **DEVICE AND METHOD FOR THE DRYING AND TORREFACTION OF AT LEAST ONE CARBON-CONTAINING MATERIAL FLOW IN A MULTIPLE HEARTH FURNACE**
[54] **DISPOSITIF ET PROCEDE DE SECHAGE ET DE TORREFACTION D'AU MOINS UN FLUX DE MATIERE CARBONE DANS UN FOUR A ETAGES**
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[72] DENKER, JUERGEN, DE
[72] BEYER, CHRISTOPH, DE
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[54] **TAMPON DE LYSE UNIVERSELLEMENT APPLICABLE ET PROCEDES DE TRAITEMENT POUR LA LYSE D'ECHANTILLONS CORPORELS**
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[72] LUEDKE, GERD, DE
[72] BOOS, ANDREAS, DE
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[72] DULLE, KARL-HEINZ, DE
[72] FUNCK, FRANK, DE
[72] HOORMANN, DIRK, DE
[72] OELMANN, STEFAN, DE
[72] WOLTERING, PETER, DE
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[54] **TECHNIQUE ET DISPOSITIF UTILISABLES EN VUE D'UNE PYROLYSE A BASSE TEMPERATURE ET D'UNE GAZEIFICATION A HAUTE TEMPERATURE DE LA BIOMASSE**
[72] CHEN, YILONG, CN
[72] TANG, HONGMING, CN
[72] ZHANG, YANFENG, CN
[73] SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD., CN
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[54] **FIBRES POLYMERES AYANT DES ELEMENTS REACTIFS AUX TISSUS**
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[73] SOFRADIM PRODUCTION, FR
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[54] **METHOD FOR RESTORING ACTIVITY TO A SPENT HYDROPROCESSING CATALYST, A SPENT HYDROPROCESSING CATALYST HAVING RESTORED CATALYTIC ACTIVITY, AND A HYDROPROCESSING PROCESS**
[54] **PROCEDE DE RESTAURATION DE L'ACTIVITE D'UN CATALYSEUR D'HYDROTRAITEMENT USE, CATALYSEUR D'HYDROTRAITEMENT USE A ACTIVITE D'HYDROTRAITEMENT RESTAUREE, ET PROCEDE D'HYDROTRAITEMENT**
[72] GABRIELOV, ALEXEI GRIGORIEVICH, US
[72] GANJA, ED, US
[72] TORRISI, SALVATORE PHILIP, US
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[54] **PROCEDE DE STABILISATION DE DECHETS ET DE DECHETS DANGEREUX**
[72] GOLUB, GILAD, IL
[72] SUBOVICH, JULIO, IL
[73] ENVIRONMENTAL SERVICES COMPANY LTD., IL
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[54] **COMPOSITIONS DENTAIRES A BASE DE RESINE DURCISSABLE A LA LUMIERE, AUTO-MORDANCANTES ET AUTO-ADHESIVES**
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[73] DENTSPLY INTERNATIONAL INC., US
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[54] **PHOTOPLETHYSMOGRAPHIE DE SITE CENTRAL, ADMINISTRATION DE MEDICAMENT ET SECURITE**
[72] MELKER, RICHARD J., US
[72] DENNIS, DONN M., US
[72] MELKER, JEREMY, US
[72] RICE, MARK, US
[72] HURLEY, ROBERT, US
[72] GOLD, MARK, US
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[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
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[54] **COMPOSES DE RECEPTEURS NICOTINIQUES**
[72] CARROLL, FRANK IVY, US
[72] ONDACHI, PAULINE WANJIKU, US
[73] RESEARCH TRIANGLE INSTITUTE, US
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[54] **CONTENANT DE LIQUIDE COMPACT**
[72] FARRAR, PETER, GB
[72] HEIN, JOHN, GB
[73] BREEZE PRODUCT DESIGN LIMITED, GB
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[54] **DISPOSITIF DE MESURE DES PIEDS**
[72] XIA, BIN, US
[72] HOWLETT, HAROLD A., US
[72] LUNDY, CHARLES E., JR., US
[73] BAYER CONSUMER CARE AG, CH
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[54] **APPAREIL DE TRAITEMENT DU SANG AVEC DIVISEUR DE DEBIT POUR LIMITER UN COURANT ELECTRIQUE**
[72] HANSSON, PER, SE
[72] HERTZ, THOMAS, SE
[72] HOLMER, MATTIAS, SE
[72] JOENSSON, LENNART, SE
[72] NILSSON, ANDERS, SE
[72] WALLENBORG, ANDERS, SE
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[54] **ENSEMBLE DE BASE D'ASPIRATEUR**
[72] MORPHEY, JOHN CURTIS, US
[72] DAVIDSHOFER, DONALD JOSEPH, US
[72] KOWALSKI, GREGORY JAMES, US
[73] MIDEA AMERICA CORP., US
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[54] **PROCEDES ET DISPOSITIFS DE RETROBALAYAGE DESTINES A LA CHROMATOGRAPHIE**
[72] TIPLER, ANDREW, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
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[54] **TRAITEMENT THERMIQUE PAR INDUCTION ELECTRIQUE DE PIECES ORIENTEES LONGITUDINALEMENT**
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[73] RADYNE CORPORATION, US
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[54] **ANTENNE CADRE POUR COMBINE MOBILE ET AUTRES APPLICATIONS**
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[72] IELLICI, DEVIS, GB
[72] TOMLIN, CHRISTOPHER, GB
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **APPAREIL ET PROCEDE PERMETTANT LA DETECTION D'ATTAQUES PRENANT LE CONTROLE DES DETECTEURS A PHOTON UNIQUE D'UN APPAREIL DE CRYPTOGRAPHIE QUANTIQUE EN CHANGEANT LEUR EFFICACITE DEFACON ALEATOIRE**
[72] LEGRE, MATTHIEU, CH
[72] RIBORDY, GREGOIRE, CH
[73] ID QUANTIQUE S.A., CH
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[54] **18F-LABELED DEUTERATED DEPRENYL ANALOGUES FOR USE IN IMAGING, DIAGNOSING AND/OR TREATMENT OF DISEASES OF THE CENTRAL NERVOUS SYSTEM**
[54] **ANALOGUES DE DEPRENYL DEUTERATE MARQUE PAR UN TRACEUR 18F DESTINES A UNE UTILISATION EN IMAGERIE, DIAGNOSTIC OU TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL**
[72] THIELE, ANDREA, DE
[72] KETTSCHAU, GEORG, DE
[72] HEINRICH, TOBIAS, DE
[72] LEHMANN, LUTZ, DE
[72] HALLDIN, CHRISTER, SE
[72] NAG, SANGRAM, SE
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[54] **USE OF 2-CARBOXAMIDE CYCLOAMINO UREA DERIVATIVES IN THE TREATMENT OF EGFR DEPENDENT DISEASES OR DISEASES THAT HAVE ACQUIRED RESISTANCE TO AGENTS THAT TARGET EGFR FAMILY MEMBERS**
[54] **UTILISATION DE DERIVES 2-CARBOXAMIDE CYCLOAMINO UREE DANS LE TRAITEMENT DE MALADIES DEPENDANTES D'EGFR OU DE MALADIES QUI ONT ACQUIS UNE RESISTANCE AUX AGENTS QUI CIBLENT DES MEMBRES DE LA FAMILLE D'EGFR**
[72] BRACHMANN, SASKIA MARIA, CH
[72] FRITSCH, CHRISTINE, CH
[72] MAIRA, SAUVEUR-MICHEL, CH
[72] SCHNELL, CHRISTIAN RENE, CH
[72] GARCIA-ECHEVERRIA, CARLOS, FR
[73] NOVARTIS AG, CH
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[54] **DEVICE, SYSTEM, AND METHOD FOR LOGGING NEAR FIELD COMMUNICATIONS TAG INTERACTIONS**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR CONSIGNER LES INTERACTIONS DES ETIQUETTES DE COMMUNICATION EN CHAMP PROCHE**
[72] LEICA, MARCEL FLORIN, CA
[72] BROWN, MICHAEL WILLIAM, CA
[73] BLACKBERRY LIMITED, CA
[86] (2815733)
[87] (2815733)
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[54] **NOVEL CEMENT THAT IS RESISTANT TO INTERNAL SULPHATE REACTIONS AND TO EXTERNAL SULPHATE ATTACKS**
[54] **NOUVEAU CIMENT RESISTANT AUX REACTIONS SULFATIQUES INTERNES ET AUX ATTAQUES SULFATIQUES EXTERNES**
[72] PASQUIER, MICHEL, FR
[72] BESSETTE, LAETITIA, FR
[72] HUE, FRANCOIS, FR
[73] VICAT, FR
[85] 2013-04-24
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[54] **VEHICULE AERIEN NON HABITE**
[72] EARON, ERNEST, CA
[73] PRECISIONHAWK CANADA INC., US
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[72] SAVAGE, JESSE, US
[72] KUHN, BRIAN N., US
[72] WOGULIS, JAMES L., US
[73] GOOGLE LLC, US
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[25] EN
[54] **CONTROLLED DISCHARGE OSTOMY APPLIANCE AND MOLDABLE ADHESIVE WAFER**
[54] **APPAREIL DE STOMIE A EVACUATION CONTROLEE ET GAUFRETTE ADHESIVE MOULABLE**
[72] TSAI, MINGLIANG LAWRENCE, US
[73] CONVATEC TECHNOLOGIES INC., US
[85] 2013-05-02
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[54] **RECONNAISSANCE DE CONTENU ET CENSURE**
[72] MOUNTAIN, DALE LLEWELYN, GB
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-05-03
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[25] EN
[54] **AQUEOUS FORMULATIONS OF HYDROPHOBICALLY ASSOCIATING COPOLYMERS AND SURFACTANTS AND USE THEREOF FOR MINERAL OIL PRODUCTION**
[54] **FORMULATIONS AQUEUSES DE COPOLYMERES A ASSOCIATION HYDROPHOBE ET D'AGENTS TENSIO-ACTIFS AINSI QUE LEUR UTILISATION POUR L'EXTRACTION PETROLIERE**
[72] REICHENBACH-KLINKE, ROLAND, DE
[72] LANGLOTZ, BJORN, DE
[73] BASF SE, DE
[85] 2013-05-15
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[54] **HYDROXYLATED TRICYCLIC COMPOUNDS**
[54] **COMPOSES TRICYCLIQUES HYDROXYLES**
[72] RIGGS-SAUTHIER, JENNIFER, US
[72] DENG, BO-LIANG, US
[72] GURSAHANI, HEMA, US
[73] NEKTAR THERAPEUTICS, US
[85] 2013-05-14
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[54] **LOW TOXICITY, LOW ODOR, LOW VOLATILITY SOLVENT FOR AGRICULTURAL CHEMICAL FORMULATIONS**
[54] **SOLVANT DE FAIBLE TOXICITE, A FAIBLE ODEUR ET DE FAIBLE VOLATILITE POUR FORMULATIONS AGROCHIMIQUES**
[72] FERGUSON, DAVE, US
[73] HUNTSMAN PETROCHEMICAL LLC, US
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[54] **HIGHLY STABLE COMPOSITIONS OF ORALLY ACTIVE NUCLEOTIDE ANALOGUES OR ORALLY ACTIVE NUCLEOTIDE ANALOGUE PRODRUGS**
[54] **COMPOSITIONS TRES STABLES D'ANALOGUES NUCLEOTIDIQUES ACTIFS PAR VOIE ORALE OU DE PROMEDICAMENTS SOUS FORME D'ANALOGUES NUCLEOTIDIQUES ACTIFS PAR VOIE ORALE**
[72] SPIREAS, SPIRIDON, US
[72] PIYA, ISHARI, US
[72] GROVER, RAKESH, US
[72] SAGI, SUNIL, US
[72] KALLUR, RAM K., US
[73] SIGMAPHARM LABORATORIES, LLC, US
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[54] **COMPOSITIONS AND METHODS FOR NUTRIENT DELIVERY**
[54] **COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION DE NUTRIMENT**
[72] ALVEY, JOHN D., US
[72] BERSETH, CAROL LYNN, US
[72] SCHADE, DEBORAH, US
[72] MORRIS, KRISTIN, US
[73] MJN U.S. HOLDINGS LLC, US
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[54] **STRIGOLACTAM DERIVATIVES AND THEIR USE AS PLANT GROWTH REGULATORS**
[54] **DERIVES DE STRIGOLACTAME ET LEUR UTILISATION COMME REGULATEURS DE LA CROISSANCE VEGETALE**
[72] LACHIA, MATHILDE DENISE, CH
[72] DE MESMAEKER, ALAIN, CH
[72] WOLF, HANNO CHRISTIAN, CH
[72] JUNG, PIERRE JOSEPH MARCEL, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
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[54] **OSTOMY DEVICE**
[54] **DISPOSITIF POUR STOMIE**
[72] RAMJIT, RAVI, US
[72] KENG, TA KANG, US
[73] EUROMED INC., US
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[54] **NOVEL BREAD YEAST STRAINS**
[54] **NOUVELLES SOUCHES DE LEVURE DE PANIFICATION**
[72] BARTOLUCCI, JEAN-CHARLES, FR
[72] COLAVIZZA, DIDIER, FR
[72] LEGROS, MELANIE, FR
[72] PIGNEDE, GEORGES, FR
[73] LESAFFRE ET COMPAGNIE, FR
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[54] **METHOD FOR PRODUCING A METHANE-RICH STREAM AND A C2+ HYDROCARBON-RICH STREAM, AND ASSOCIATED EQUIPMENT**
[54] **PROCEDE DE PRODUCTION D'UN COURANT RICHE EN METHANE ET D'UN COURANT RICHE EN HYDROCARBURES EN C2+ ET INSTALLATION ASSOCIEE**
[72] GAHIER, VANESSA, FR
[72] GOURIOU, JULIE, FR
[72] THIEBAULT, SANDRA, FR
[72] BARTHE, LOIC, FR
[73] TECHNIP FRANCE, FR
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[54] **FORETS, ELEMENTS DE COUPE POUR FORETS ET APPAREILS DE PERCAGE LES COMPRENANT**
[72] MYERS, RUSSELL ROY, US
[73] APERGY BMCS ACQUISITION CORPORATION, US
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[54] **ACTUATOR AND METHOD OF MANUFACTURE THEREOF**
[54] **ACTIONNEUR ET SON PROCEDE DE FABRICATION**
[72] EHRENSPERGER, MARIE-VIRGINIE, FR
[72] GUERING, PAUL-HENRI, FR
[72] LAVAL, PHILIPPE, FR
[72] MORLAT, RICHARD, FR
[72] MONGROLLE, JEAN-LOUIS, FR
[72] BENKEMOUN, YVES, FR
[72] POUSSE, CHRISTELLE, FR
[73] SAINT-GOBAIN PLACO SAS, FR
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[54] **ORALLY DISINTEGRATING TABLET**
[54] **COMPRIME ORODISPERSIBLE**
[72] ISHII, SHIRO, JP
[72] EBISAWA, YUTAKA, JP
[72] OKABE, TAKAYUKI, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2013-06-26
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[25] EN
[54] **HYDRAULIC INJECTION SYSTEM FOR BONE CEMENT**
[54] **SYSTEME D'INJECTION HYDRAULIQUE POUR CIMENT OSSEUX**
[72] ROTH, CHRISTIAN, CH
[72] NEDUNKANAL, SURYO, CH
[72] SERTORE, MICHELE, CH
[72] WHEELER, KURTIS, CH
[72] CHAVATTE, KRIS, CH
[72] WEBER, MARKUS, CH
[72] OBERLI, JOEL, CH
[73] DEPUY SYNTHES PRODUCTS, LLC, US
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[25] EN
[54] **WOUND OR SKIN TREATMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DES PLAIES OU DE LA PEAU**
[72] JACKSON, JASPER, US
[72] ZEPEDA, JOHN A., US
[72] FRENCH, ADAM C., US
[72] DOUD, DARREN G., US
[72] GURTNER, GEOFFREY C., US
[72] FOLLMER, BRETT A., US
[72] BEASLEY, WILLIAM R., US
[72] YOCK, PAUL G., US
[72] ICHIRYU, KEIICHIRO, US
[72] CARDONA PAMPLONA, MANUEL A., US
[72] KROG, TOR C., US
[72] LEVI, KEMAL, US
[73] NEODYNE BIOSCIENCES, INC., US
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[25] EN
[54] **CYTOTOXIC BENZODIAZEPINE DERIVATIVES**
[54] **DERIVES CYTOTOXIQUES DE BENZODIAZEPINE**
[72] LI, WEI, US
[72] MILLER, MICHAEL, US
[72] FISHKIN, NATHAN, US
[72] CHARI, RAVI V. J., US
[73] IMMUNOGEN, INC., US
[85] 2013-07-15
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[54] **PROCESS FOR CAPTURING ACID GASES**
[54] **PROCEDE POUR LA CAPTURE DE GAZ ACIDES**
[72] MEULEMAN, ERIK EVERHARDUS BERNARDUS, AU
[72] PUXTY, GRAEME, AU
[72] FERON, PAUL, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[25] EN
[54] **DISCHARGE DEVICE FOR A FLOWABLE SUBSTANCE**
[54] **DISPOSITIF D'EVACUATION POUR MATIERE FLUIDE**
[72] SOGARO, ALBERTO C., DE
[73] DISPENSYS AG, CH
[85] 2013-07-24
[86] 2012-01-26 (PCT/EP2012/051244)
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[25] EN
[54] **COMPOSITION COMPRISING A PESTICIDE, A SURFACTANT AND AN ALKOXYLATE OF 2-PROPYLHEPTYLAMINE**
[54] **COMPOSITION COMPRENANT UN PESTICIDE, UN TENSIOACTIF ET UN ALCOXYLATE DE 2-PROPYLHEPTYLAMINE**
[72] SCHNABEL, GERHARD, DE
[72] KLINGELHOEFER, PAUL, DE
[72] NOLTE, MARC, DE
[72] EVANS, RICHARD ROGER, DE
[72] KRAMER, GERD, DE
[72] ZEYER, SILKE, DE
[72] PFENNING, MATTHIAS, DE
[73] BASF SE, DE
[85] 2013-07-25
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[25] EN
[54] **PROCESS FOR REMOVING CONTAMINANTS FROM GAS STREAMS**
[54] **PROCEDE D'ELIMINATION DE CONTAMINANTS DE COURANTS DE GAZ**
[72] SUCHAK, NARESH, US
[73] LINDE AKTIENGESELLSCHAFT, DE
[85] 2013-07-26
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[54] **PARTICULES DE DIOXYDE DE TITANE ENCAPSULEES DANS UN POLYMERE**
[72] BARDMAN, JAMES KEITH, US
[72] BROMM, KARL ALLEN, US
[73] ROHM AND HAAS COMPANY, US
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[86] 2012-02-22 (PCT/US2012/026047)
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[54] **INHIBITEURS DE FAK**
[72] HOLMES, IAN PETER, AU
[72] BERGMAN, YLVA, AU
[72] LUNNISS, GILLIAN ELIZABETH, AU
[72] NIKAC, MARICA, AU
[72] CHOI, NEIL, AU
[72] HEMLEY, CATHERINE FAE, AU
[72] WALKER, SCOTT RAYMOND, AU
[72] FOITZIK, RICHARD CHARLES, AU
[72] GANAME, DANNY, AU
[72] LESSENE, ROMINA, AU
[73] CANCER THERAPEUTICS CRC PTY LIMITED, AU
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[54] **MANUAL BASAL BOLUS DRUG DELIVERY DEVICE**
[54] **DISPOSITIF MANUEL D'ADMINISTRATION DE MEDICAMENT BASALE DE BOLUS**
[72] ADAMS, JOHN M., US
[72] ALFERNESS, CLIFTON A., US
[73] CALIBRA MEDICAL, INC., US
[85] 2013-08-16
[86] 2012-01-30 (PCT/US2012/023145)
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[51] **Int.Cl. C08J 11/02 (2006.01) B01D 11/00 (2006.01) C08L 23/04 (2006.01)**
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[54] **PROCESS FOR RECYCLING SOLVENT USED IN AN ETHYLENE-BASED POLYMERIZATION REACTION AND SYSTEM THEREFOR**
[54] **PROCEDE DE RECYCLAGE DE SOLVANT UTILISE DANS UNE REACTION DE POLYMERISATION A BASE D'ETHYLENE ET SYSTEME POUR CE PROCEDE**
[72] HYDE, STACEY, US
[72] CASTELLUCCIO, ANTHONY J., US
[72] GEMOETS, FREDERIK E., BE
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **MICROWIRE TEMPERATURE SENSORS CONSTRUCTED TO ELIMINATE STRESS-RELATED TEMPERATURE MEASUREMENT INACCURACIES AND METHOD OF MANUFACTURING SAID SENSORS**
[54] **CAPTEURS DE TEMPERATURE A MICROFILS CONCUS POUR EVITER LES IMPRECISIONS DE MESURE DE LA TEMPERATURE LIEES A LA CONTRAINTE ET LEUR PROCEDE DE FABRICATION**
[72] CLOTHIER, BRIAN L., US
[73] TSI TECHNOLOGIES LLC, US
[85] 2013-08-29
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[25] EN
[54] **PROCESS FOR MAKING A METAL PART SUCH AS A TURBINE ENGINE BLADE REINFORCEMENT**
[54] **PROCEDE DE REALISATION D'UNE PIECE METALLIQUE TELLE QU'UN RENFORT D'AUBE DE TURBOMACHINE**
[72] GODON, THIERRY, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[72] PERROUX, ALAIN ROBERT YVES, FR
[73] SNECMA, FR
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[25] EN
[54] **CLOSURE WITH FOLDED-UP TAMPER EVIDENT BAND**
[54] **FERMETURE A MANCHON D'INVIOLABILITE REPLIE**
[72] BEVAN, DAVID, GB
[72] DRUITT, RODNEY, GB
[73] CREANOVA UNIVERSAL CLOSURES LIMITED, GB
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[54] **COMPOUNDS AND METHODS OF USE IN ABLATIVE RADIOTHERAPY**
[54] **COMPOSES ET PROCEDES D'UTILISATION DANS RADIOTHERAPIE ABLATIVE**
[72] RAMAN, VENU, US
[72] TRAN, PHUOC, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2013-09-05
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[54] **THERMAL TREATMENT DEVICE WITH VARIABLE HEAT DISTRIBUTION**
[54] **DISPOSITIF DE TRAITEMENT THERMIQUE PRESENTANT UNE DISTRIBUTION DE CHALEUR VARIABLE**
[72] KRIKSUNOV, LEO B., US
[72] WYNN, DAVID W., US
[73] MCNEIL-PPC, INC., US
[85] 2013-09-06
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[25] EN
[54] **CONTROLLED FABRICATION OF NANOPORES IN NANOMETRIC SOLID STATE MATERIALS**
[54] **FABRICATION COMMANDEE DE NANO-PORES DANS DES MATERIAUX SEMI-CONDUCTEURS NANOMETRIQUES**
[72] RUSSO, CHRISTOPHER J., GB
[72] GOLOVCHENKO, JENE A., US
[72] BRANTON, DANIEL, US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2013-09-10
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[54] **7-(HETEROARYL-AMINO)-6,7,8,9-TETRAHYDROPYRIDO[1,2-A]INDOL ACETIC ACID DERIVATIVES AND THEIR USE AS PROSTAGLANDIN D2 RECEPTOR MODULATORS**
[54] **DERIVES D'ACIDE 7-(HETEROARYL-AMINO)-6,7,8,9-TETRAHYDROPYRIDO[1,2-A]INDOLACETIQUE ET LEUR UTILISATION EN TANT QUE MODULATEURS DU RECEPTEUR AUX PROSTAGLANDINES D2**
[72] AISSAOUI, HAMED, CH
[72] BOSS, CHRISTOPH, CH
[72] GABILLET, JEROME, CH
[72] RICHARD-BILDSTEIN, SYLVIA, CH
[72] SIEGRIST, ROMAIN, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2013-09-13
[86] 2012-04-13 (PCT/IB2012/051831)
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[30] IB (PCT/IB2011/051615) 2011-04-14

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[54] **PHOSPHOROUS-CONTAINING FLAME RETARDANTS FOR POLYURETHANE FOAMS**
[54] **IGNIFUGEANTS CONTENANT DU PHOSPHORE POUR MOUSSES DE POLYURETHANE**
[72] QI, YUDONG, CN
[72] TAI, XIANGYANG, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2013-09-17
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[30] CN (PCT/CN2011/072072) 2011-03-23

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[25] EN
[54] **METHOD FOR DESIGNING A MOULD FOR CASTING A SEMI-FINISHED OPHTHALMIC LENS BLANK AND COMPUTER PROGRAM PRODUCT FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE DE CONCEPTION DE MOULE DE COULEE D'UNE EBAUCHE DE LENTILLE OPHTALMOLOGIQUE SEMI-FINIE ET PROGRAMME INFORMATIQUE POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] REGO, CARLOS, FR
[72] MOINE, JEROME, FR
[72] GUILLOT, MATTHIEU, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2013-09-18
[86] 2012-03-22 (PCT/EP2012/055139)
[87] (WO2012/130734)
[30] EP (11160748.7) 2011-03-31

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[25] EN
[54] **BENZOIC ACID SALT OF OTAMIXABAN**
[54] **SEL D'ACIDE BENZOIQUE D'OTAMIXABAN**
[72] NAGEL, NORBERT, DE
[72] BAUMGARTNER, BRUNO, DE
[72] BERCHTOLD, HARALD, DE
[72] AYERS, TIMOTHY, US
[73] SANOFI, FR
[85] 2013-09-23
[86] 2012-03-27 (PCT/EP2012/055364)
[87] (WO2012/130821)
[30] EP (11305348.2) 2011-03-29
[30] US (61/500,342) 2011-06-23

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[13] C
[51] **Int.Cl. E06B 9/17 (2006.01) E06B 9/08 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR INCREASING THE WIND LOAD RESISTANCE AND DISENGAGE-ABILITY OF OVERHEAD ROLL-UP DOORS**
[54] **DISPOSITIF ET PROCEDE POUR AUGMENTER LA RESISTANCE A LA CHARGE DE VENT ET LA CAPACITE DE SEPARATION DE PORTES A ENROULEMENT PAR LE HAUT**
[72] DRIFKA, BRIAN NORBERT, US
[73] RYTEC CORPORATION, US
[85] 2013-09-23
[86] 2012-02-08 (PCT/US2012/024271)
[87] (WO2012/128853)
[30] US (61/466,754) 2011-03-23
[30] US (13/270,743) 2011-10-11

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[13] C
[51] **Int.Cl. E06B 9/17 (2006.01) E06B 9/08 (2006.01)**
[25] EN
[54] **SIDE COLUMN CONFIGURATION FOR OVERHEAD ROLL-UP DOOR ASSEMBLIES**
[54] **CONFIGURATION DE COLONNE LATERALE POUR ENSEMBLES PORTES A ENROULEMENT PAR LE HAUT**
[72] DRIFKA, BRIAN NORBERT, US
[72] GONTARSKI, CHRISTOPHER, US
[73] RYTEC CORPORATION, US
[85] 2013-09-23
[86] 2012-02-08 (PCT/US2012/024275)
[87] (WO2012/128854)
[30] US (61/465,698) 2011-03-23
[30] US (61/466,913) 2011-03-23
[30] US (61/466,922) 2011-03-23
[30] US (61/534,356) 2011-09-13
[30] US (13/308,326) 2011-11-30

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[51] **Int.Cl. E06B 9/17 (2006.01) E06B 9/08 (2006.01) E06B 9/56 (2006.01)**
[25] EN
[54] **SEGMENTED WIND LOCK CONFIGURATION FOR OVERHEAD ROLL-UP DOORS AND METHOD OF CONSTRUCTING THE SAME**
[54] **CONFIGURATION SEGMENTEE DE VERROUILLAGE CONTRE LE VENT POUR PORTES A ENROULEMENT PAR LE HAUT ET PROCEDE DE CONSTRUCTION ASSOCIE**
[72] DRIFKA, BRIAN NORBERT, US
[72] GONTARSKI, CHRISTOPHER, US
[73] RYTEC CORPORATION, US
[85] 2013-09-23
[86] 2012-02-08 (PCT/US2012/024283)
[87] (WO2012/128855)
[30] US (61/466,922) 2011-03-23
[30] US (61/534,356) 2011-09-13
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[13] C
[51] **Int.Cl. E06B 3/48 (2006.01) E06B 9/08 (2006.01)**
[25] EN
[54] **IMPROVED DOOR PANEL FOR OVERHEAD ROLL-UP DOORS AND A METHOD FOR CREATING THE SAME**
[54] **PANNEAU DE PORTE AMELIORE POUR PORTES A ENROULEMENT PAR LE HAUT ET PROCEDE DE FABRICATION ASSOCIE**
[72] GONTARSKI, CHRISTOPHER, US
[72] DRIFKA, BRIAN NORBERT, US
[73] RYTEC CORPORATION, US
[85] 2013-09-23
[86] 2012-02-08 (PCT/US2012/024284)
[87] (WO2012/128856)
[30] US (61/466,925) 2011-03-23
[30] US (13/297,017) 2011-11-15

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[25] EN
[54] **FLOOR ELEMENT FOR FORMING BUILDING FLOORS**
[54] **ELEMENT DE COUVERTURE POUR LA CONSTRUCTION DE COUVERTURES DE BATIMENTS**
[72] STRAUCH, RAINER, DE
[72] FORSTER, ULRICH, AT
[73] CREE GMBH, AT
[85] 2013-10-03
[86] 2012-03-22 (PCT/AT2012/000073)
[87] (WO2012/135875)
[30] AT (A 502/2011) 2011-04-08

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0476 (2006.01)**
[25] EN
[54] **IMPLANTABLE DEVICE FOR ACQUISITION AND MONITORING OF BRAIN BIOELECTRIC SIGNALS AND FOR INTRACRANIAL STIMULATION**
[54] **DISPOSITIF IMPLANTABLE DESTINE A L'ACQUISITION ET A LA SURVEILLANCE DES SIGNAUX BIOELECTRIQUES DU CERVEAU ET A LA STIMULATION INTRACRANIENNE**
[72] ROMANELLI, PANTALEO, IT
[72] SEBASTIANO, FABIO, IT
[72] PARIS, ANTONINO, IT
[72] MARCHETTI, STEFANO, IT
[72] CRISTIANI, PAOLO, IT
[73] AB MEDICA HOLDING S.P.A., IT
[85] 2013-10-07
[86] 2012-04-17 (PCT/IB2012/051909)
[87] (WO2012/143850)
[30] IT (RM2011A000206) 2011-04-21

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[13] C
[51] **Int.Cl. B62D 55/116 (2006.01) B62D 51/02 (2006.01) B62M 27/02 (2006.01)**
[25] EN
[54] **SUSPENSION ASSEMBLY FOR PERSONAL TRACKED VEHICLE**
[54] **ENSEMBLE SUSPENSION POUR VEHICULE CHENILLE INDIVIDUEL**
[72] FAIRHEAD, RYAN JAMES, CA
[73] 2499786 ONTARIO INC., CA
[85] 2013-10-15
[86] 2012-04-13 (PCT/US2012/033637)
[87] (WO2012/142497)
[30] US (61/475,054) 2011-04-13

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[51] **Int.Cl. G06F 3/0484 (2013.01) H04L 12/851 (2013.01) G06F 3/14 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING A FLOW OF DATA**
[54] **SYSTEMES ET PROCEDES POUR LA DETERMINATION D'UN FLUX DE DONNEES**
[72] MAESTAS, DAVID EDWARD, US
[72] COOPER, BRIAN LOUIS, US
[73] TECHGUARD SECURITY LLC, US
[86] (2833581)
[87] (2833581)
[22] 2007-02-16
[62] 2,642,844
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[51] **Int.Cl. E02F 7/00 (2006.01) E02F 5/28 (2006.01) E02F 7/10 (2006.01)**
[25] FR
[54] **DEVICE FOR EXTRACTING SOLID MATERIAL ON THE BED OF A BODY OF WATER, AND ASSOCIATED METHOD**
[54] **DISPOSITIF D'EXTRACTION DE MATERIAU SOLIDE SUR LE FOND D'UNE ETENDUE D'EAU ET PROCEDE ASSOCIE**
[72] ESPINASSE, PHILIPPE FRANCOIS, FR
[72] PARENTEAU, THOMAS, FR
[73] TECHNIP FRANCE, FR
[85] 2013-10-18
[86] 2012-04-27 (PCT/EP2012/057800)
[87] (WO2012/146730)
[30] FR (1153590) 2011-04-27

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[13] C
[51] **Int.Cl. F04D 29/22 (2006.01) F04D 7/04 (2006.01)**
[25] EN
[54] **ROTOR MACHINE INTENDED TO FUNCTION AS A PUMP OR AN AGITATOR AND AN IMPELLER FOR SUCH A ROTOR MACHINE**
[54] **MACHINE A ROTOR CONCUE POUR FONCTIONNER COMME UNE POMPE OU UN AGITATEUR ET UNE HELICE DESTINEE A UNE TELLE MACHINE A ROTOR**
[72] ERIKSSON, OLA, SE
[72] MARJAVAARA, DANIEL, SE
[73] LUOSSAVAARA-KIIRUNAVAARA AB, SE
[85] 2013-10-21
[86] 2012-05-08 (PCT/SE2012/050487)
[87] (WO2012/154118)
[30] SE (1150409-9) 2011-05-09

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[51] **Int.Cl. A61F 2/70 (2006.01) A61F 2/60 (2006.01)**
[25] EN
[54] **IMPEDANCE SIMULATING MOTION CONTROLLER FOR ORTHOTIC AND PROSTHETIC APPLICATIONS**
[54] **UNITE DE COMMANDE DE MOUVEMENT A STIMULATION PAR IMPEDANCE POUR DES APPLICATIONS ORTHETIQUES ET PROTHETIQUES**
[72] LANGLOIS, DAVID, CA
[73] VICTHOM LABORATORY INC., CA
[85] 2013-10-22
[86] 2012-05-03 (PCT/IB2012/000998)
[87] (WO2012/150500)
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[25] EN
[54] **VIDEO ENCODING METHOD, VIDEO ENCODING DEVICE, VIDEO DECODING METHOD, VIDEO DECODING DEVICE, AND VIDEO ENCODING/DECODING DEVICE**
[54] **PROCEDE DE CODAGE DE VIDEO, DISPOSITIF DE CODAGE DE VIDEO, PROCEDE DE DECODAGE DE VIDEO, DISPOSITIF DE DECODAGE DE VIDEO, ET DISPOSITIF DE CODAGE/DECODAGE DE VIDEO**
[72] SUGIO, TOSHIYASU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] TANIKAWA, KYOKO, JP
[72] SASAI, HISAO, JP
[72] MATSUNOBU, TORU, JP
[73] SUN PATENT TRUST, US
[85] 2013-10-24
[86] 2012-05-29 (PCT/JP2012/003496)
[87] (WO2012/164908)
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[25] EN
[54] **APPARATUS AND METHODS FOR INTEGRATED SAMPLE PREPARATION, REACTION AND DETECTION**
[54] **APPAREIL ET PROCEDE POUR LA PREPARATION, LA REACTION ET LA DETECTION INTEGREES D'ECHANTILLONS**
[72] CHING, JESUS, US
[72] LEE, PHILLIP YOU FAI, US
[72] RICHARDSON, BRUCE, US
[73] LUMINEX CORPORATION, US
[85] 2013-10-30
[86] 2012-05-04 (PCT/US2012/036491)
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[54] **GAS TURBINE DIFFUSER**
[54] **DIFFUSEUR DE TURBINE A GAZ**
[72] PORODO, JEROME, FR
[72] TARNOWSKI, LAURENT, FR
[73] TURBOMECA, FR
[85] 2013-11-07
[86] 2012-05-15 (PCT/FR2012/051087)
[87] (WO2012/156640)
[30] FR (1154211) 2011-05-16

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[51] **Int.Cl. B60N 2/30 (2006.01)**
[25] EN
[54] **STOW-IN-FLOOR SEAT ASSEMBLY**
[54] **ENSEMBLE SIEGE ESCAMOTABLE DANS LE PLANCHER**
[72] ZEIMIS, PETER PAUL, III, US
[72] HOLDAMPF, CARL J., US
[73] MAGNA SEATING INC., CA
[85] 2013-11-13
[86] 2012-06-21 (PCT/CA2012/000613)
[87] (WO2012/174654)
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[25] FR
[54] **VEHICLE TIRE HAVING A TREAD COMPRISING A HEAT-EXPANDABLE RUBBER COMPOSITION**
[54] **PNEUMATIQUE POUR VEHICULE DONT LA BANDE DE ROULEMENT COMPORTE UNE COMPOSITION DE CAOUTCHOUC THERMO-EXPANSIBLE**
[72] MAESAKA, MASAYUKI, JP
[72] PAGANO, SALVATORE, JP
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2013-11-13
[86] 2012-05-31 (PCT/EP2012/060213)
[87] (WO2012/163998)
[30] FR (1154798) 2011-06-01

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[51] **Int.Cl. H02J 50/00 (2016.01) H02J 7/00 (2006.01)**
[25] EN
[54] **POWER TRANSMITTING METHOD AND POWER TRANSMITTER FOR COMMUNICATION WITH POWER RECEIVER**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION D'ENERGIE POUR LA COMMUNICATION AVEC UN DISPOSITIF DE RECEPTION D'ENERGIE**
[72] BYUN, KANG-HO, KR
[72] LEE, KYUNG-WOO, KR
[72] KIM, YU-SU, KR
[72] PARK, SE-HO, KR
[72] YEO, SUNG-KU, KR
[72] LEE, YOUNG-MIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-11-15
[86] 2012-05-17 (PCT/KR2012/003885)
[87] (WO2012/157969)
[30] KR (10-2011-0046395) 2011-05-17
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[51] **Int.Cl. E21B 41/00 (2006.01) B09B 3/00 (2006.01) B29B 17/00 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **PROCESS FOR UTILISING WASTE DRILL CUTTINGS IN PLASTICS**
[54] **PROCEDE PERMETTANT D'UTILISER LES DEBLAIS DE FORAGE DANS LES MATIERES PLASTIQUES**
[72] GARRICK, DOUGLAS CAMPBELL, GB
[73] TOTAL WASTE MANAGEMENT ALLIANCE LIMITED, GB
[85] 2013-11-22
[86] 2012-06-13 (PCT/GB2012/051338)
[87] (WO2012/172332)
[30] GB (1110007.0) 2011-06-15
[30] GB (1205789.9) 2012-03-30

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[25] EN
[54] **ROLLER**
[54] **ENSEMBLE ROUE A PIVOT**
[72] HOFRICHTER, GUNTHER, DE
[72] PLAUTZ, KARL-HEINZ, DE
[72] HEIN, GEORG, DE
[73] TENTE GMBH & CO. KG, DE
[85] 2013-11-25
[86] 2012-06-01 (PCT/EP2012/060392)
[87] (WO2012/171816)
[30] DE (10 2011 051 068.0) 2011-06-15
[30] DE (10 2011 052 693.5) 2011-08-12
[30] DE (10 2011 055 417.3) 2011-11-16

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[51] **Int.Cl. B65H 75/28 (2006.01) B65H 19/00 (2006.01) B65H 19/28 (2006.01) B65H 65/00 (2006.01) B65H 67/08 (2006.01) H01F 41/02 (2006.01)**
[25] FR
[54] **FERROMAGNETIC METAL RIBBON TRANSFER APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE TRANSFERT DE RUBAN DE METAL FERROMAGNETIQUE**
[72] COUTURE, PIERRE, CA
[72] FRANCOEUR, BRUNO, CA
[73] HYDRO-QUEBEC, CA
[85] 2013-11-18
[86] 2011-05-18 (PCT/CA2011/000587)
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[51] **Int.Cl. H04N 19/147 (2014.01) H04N 19/126 (2014.01) H04N 19/154 (2014.01) H04N 19/172 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR STRUCTURAL SIMILARITY BASED PERCEPTUAL VIDEO CODING**
[54] **PROCEDE ET SYSTEME PERMETTANT UN CODAGE VIDEO PERCEPTUEL BASE SUR UNE SIMILARITE STRUCTURELLE**
[72] WANG, ZHOU, CA
[72] REHMAN, ABDUL, CA
[73] SSIMWAVE INC., CA
[85] 2013-11-29
[86] 2012-05-29 (PCT/CA2012/000519)
[87] (WO2012/162806)
[30] US (61/492,081) 2011-06-01
[30] US (61/523,610) 2011-08-15

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[25] EN
[54] **HAIR IRON**
[54] **FER A FRISER**
[72] COCKS, JANET ELIZABETH, AU
[72] VINE, ANNE LYNETTE, AU
[72] KHOURY, EDWARD JOSEPH, AU
[73] WISETYPE INVESTMENTS PTY LTD, AU
[85] 2013-12-10
[86] 2012-06-15 (PCT/AU2012/000686)
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[51] **Int.Cl. F03B 13/10 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **PLATFORM FOR UNDERWATER TURBINES**
[54] **PLATE-FORME POUR TURBINES SUBAQUATIQUES**
[72] TODMAN, MICHAEL TORR, GB
[72] ARMSTRONG, JOHN RICHARD CAREW, GB
[73] TIDALSTREAM LIMITED, GB
[85] 2013-12-12
[86] 2012-06-20 (PCT/GB2012/051419)
[87] (WO2012/175955)
[30] GB (1110597.0) 2011-06-22

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[51] **Int.Cl. F01D 9/04 (2006.01) B29C 70/24 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01) F04D 29/54 (2006.01)**
[25] FR
[54] **TURBINE ENGINE PART FORMING A COMPRESSOR STATOR OR TURBINE NOZZLE, AND METHOD FOR MANUFACTURING SAME.**
[54] **PIECE DE TURBOMACHINE FORMANT REDRESSEUR DE COMPRESSEUR OU DISTRIBUTEUR DE TURBINE ET PROCEDE POUR SA FABRICATION.**
[72] BELMONTE, OLIVIER, FR
[72] FOLL, JULIEN, FR
[73] SNECMA, FR
[85] 2013-12-16
[86] 2012-06-20 (PCT/FR2012/051387)
[87] (WO2012/175867)
[30] FR (1155430) 2011-06-21

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **CRYSTAL OF FUSED HETEROCYCLIC COMPOUND**
[54] **CRISTAL DE COMPOSE HETEROCYCLIQUE CONDENSE**
[72] YAMAMOTO, KATSUHIKO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2013-12-18
[86] 2012-06-21 (PCT/JP2012/066461)
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[30] JP (2011-138920) 2011-06-22

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[25] EN
[54] **SOYBEAN VARIETY 01050487**
[54] **VARIETE DE SOYA 01050487**
[72] CARLSON, CARRIN, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2839909)
[87] (2839909)
[22] 2014-01-20
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[25] EN
[54] **SOYBEAN VARIETY 01045636**
[54] **VARIETE DE SOYA 01045636**
[72] WOHLESER, HEINRICH S., US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2839912)
[87] (2839912)
[22] 2014-01-20
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[25] EN
[54] **OSTOMY POUCH FOR COLLECTING BODY WASTE**
[54] **POCHETTE DE STOMIE DESTINEE A RECUEILLIR DES DECHETS CORPORELS**
[72] MASTERS, BROCK EDWARD, CA
[72] DAVIS, ROBERT ANTHONY, US
[73] HOLLISTER INCORPORATED, US
[85] 2013-12-19
[86] 2012-03-01 (PCT/US2012/027215)
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[30] US (61/521,599) 2011-08-09

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[51] **Int.Cl. B41J 2/005 (2006.01) B41F 13/193 (2006.01) B41J 27/16 (2006.01) B41M 1/42 (2006.01)**
[25] EN
[54] **TRANSFER INKJET PRINTER DEVICE**
[54] **MECANISME DE TRANSFERT POUR IMPRIMANTE A JET D'ENCRE**
[72] IZAWA, HIDEO, JP
[72] NAMIKI, TAKAO, JP
[72] SETOYAMA, JUNICHI, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[86] (2840351)
[87] (2840351)
[22] 2014-01-22
[30] JP (2013-027082) 2013-02-14

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[13] C
[51] **Int.Cl. C07D 317/54 (2006.01) C07H 17/04 (2006.01)**
[25] EN
[54] **SYNTHESIS OF CLEISTANTHIN A AND DERIVATIVES THEREOF**
[54] **SYNTHESE DE CLEISTANTHINE A ET DES DERIVES DE CELLE-CI**
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[72] KAILASH, DATTATRAYA PANGHAVANE, IN
[73] GODAVARI BIOREFINERIES LIMITED, IN
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[72] CARFAGNO, MICHAEL G., US
[72] CREAMER, PHILIP A., US
[73] CONTECH ENGINEERED SOLUTIONS LLC, US
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[54] **CHAUSSURE A SEMELLE SEPAREE**
[72] GAVRIELI, KFIR, US
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[73] GAVRIELI BRANDS LLC, US
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[54] **NOVEL SOURDOUGH COMPOSITIONS AND METHODS FOR THEIR PREPARATION**
[54] **NOUVELLES COMPOSITIONS DE LEVAIN ET LEURS PROCEDES DE PREPARATION**
[72] DE PAUW, PAUL, BE
[73] PURATOS NV, BE
[85] 2014-01-08
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[54] **ALUMINIUM SMELTER COMPRISING ELECTRICAL CONDUCTORS MADE FROM A SUPERCONDUCTING MATERIAL**
[54] **ALUMINERIE COMPRENANT DES CONDUCTEURS ELECTRIQUES EN MATERIAU SUPRACONDUCTEUR**
[72] DUVAL, CHRISTIAN, FR
[72] RENAUDIER, STEEVE, FR
[72] BARDET, BENOIT, FR
[72] MARTIN , OLIVIER, FR
[72] WAN TANG KUAN, STEPHANE, FR
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[72] ROMUALD, GAEETAN, FR
[73] SOFRADIM PRODUCTION, FR
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[54] **ENSEMBLE D'ECROUS DE VERROUILLAGE**
[72] DAVIES, BRIAN, AU
[73] BRIAN INVESTMENTS PTY LTD, AU
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[54] **NOVEL COMPOSITIONS AND PROCESSES FOR IMPROVED ANALYTE DETECTION USING HYBRIDIZATION ASSAYS**
[54] **NOUVELLES COMPOSITIONS ET METHODES PERMETTANT UNE MEILLEURE DETECTION D'ANALYTES AU MOYEN D'ESSAIS D'HYBRIDATION**
[72] RABBANI, ELAZAR, US
[72] STAVRIANOPOULOS, JANNIS G., US
[72] DONEGAN, JAMES J., US
[72] COLEMAN, JACK, US
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[54] **PROCEDE POUR LE DURCISSEMENT D'UNE FORME DE FONDERIE EN BOITE FROIDE AVEC UN CATALYSEUR GAZEUX**
[72] WANG, XIANPING, US
[72] DESMIT, DOUGLAS J., US
[72] KROKER, JOERG, US
[73] ASK CHEMICALS LLC, US
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[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] STANIFORTH, MARK JOSEPH, GB
[72] PULLEN, JUDE PAUL, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **ENSEMBLE VENTILATEUR**
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[72] PULLEN, JUDE PAUL, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **PROCEDE POUR ISOLER DES PROTEINES A PARTIR DE GRAINES OLEAGINEUSES**
[72] WNUKOWSKI, PIOTR, NL
[72] SMOLDERS, GERARDUS JOHANNES FRANCISCUS, NL
[72] VEERMAN, CECILE, NL
[73] DSM IP ASSETS B.V., NL
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[54] **DISPERSING POLYMERS WITH IMPROVED THERMAL STABILITY**
[54] **POLYMERES DISPERSANTS A STABILITE THERMIQUE AMELIOREE**
[72] DESSEROIR, ALEXANDRE, FR
[72] MAITRASSE, PHILIPPE, FR
[72] LEMAIRE, MARC, FR
[72] POPOWYCZ, FLORENCE, FR
[72] LABOURT-IBARRE, PIERRE, FR
[73] CHRYSO, FR
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[54] **APPAREIL RELATIF A DES COMPOSANTS DE SIGNE PHYSIQUEMENT DISCRETS**
[72] CALLAHAN, SEAN EDWARD, US
[72] CUPPINI, JAMES, US
[72] CLEAVER, MARK JOSEPH, US
[72] CANZANO, TIMOTHY EDWARD, US
[72] CHEN, EDWARD WAYTED, US
[72] RANDGAARD, ELIZABETH MARIE, US
[72] KIRSCHENER, CHAD GLENN, US
[72] OSHGAN, STEPHEN MICHAEL, US
[72] SHROFF, PARESH, US
[72] WASCOW, JOSEPH Z., US
[72] JACKSON, NICHOLAS PATRICK, US
[72] RETZKE, BRIAN ALAN, US
[72] WILLIAMS, DANIEL JOHN, US
[73] ILIGHT TECHNOLOGIES, INC., US
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[54] **COMPOSITION D'EDULCORANT**
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[73] VALSOIA S.P.A., IT
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[54] **EXPLOSION-VENTING METHOD FOR AEROSOL FIRE SUPPRESSION APPARATUS**
[54] **PROCEDE POUR DISPOSITIF D'EXPANSION POUR EXTINCTEUR A AEROSOL**
[72] QIANG, JIAN, CN
[72] LEI, ZHENGJUN, CN
[73] XI'AN WESTPEACE FIRE TECHNOLOGY CO., LTD., CN
[85] 2014-02-14
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[25] EN
[54] **PLASTIC CONTAINERS HAVING BASE CONFIGURATIONS WITH PARTICULAR UP-STAND GEOMETRIES, AND SYSTEMS, METHODS, AND BASE MOLDS THEREOF**
[54] **RECIPIENTS EN PLASTIQUE AYANT DES CONFIGURATIONS DE BASE A GEOMETRIES VERTICALES PARTICULIERES, ET SYSTEMES, PROCEDES ET MOULES DE BASE ASSOCIES**
[72] WURSTER, MICHAEL P., US
[72] BYSICK, SCOTT E., US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2014-02-14
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING AN AROMATASE INHIBITOR**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN INHIBITEUR D'AROMATASE**
[72] TAYLOR, ANN, US
[72] KLICKSTEIN, LLOYD B., US
[72] THAKUR, JEEWAN, CH
[73] NOVARTIS AG, CH
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[25] EN
[54] **METHOD FOR ESTABLISHING THE PRESENCE OF SPECIFIED CHARACTERISTICS OF A CONTAINER PRODUCT AND DEVICE FOR PERFORMING SAID METHOD**
[54] **PROCEDE POUR DETERMINER LA PRESENCE DE CARACTERISTIQUES PREDEFINIES D'UN PRODUIT COMPOSE DE CONTENANTS ET DISPOSITIF POUR LA MISE EN OEUVRE DUDIT PROCEDE**
[72] PRICE, JEFFREY L., US
[73] KOCHER-PLASTIK MASCHINENBAU GMBH, DE
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[54] **CONFIGURATION DE BLOCAGE ANTI-VENT POUR PORTES A ENROULEMENT VERTICAL**
[72] DRIFKA, BRIAN NORBERT, US
[73] RYTEC CORPORATION, US
[85] 2014-03-13
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[54] **BOISSONS AVEC DES SAVEURS ET DES AROMES AMELIORES ET SON PROCEDE DE REALISATION**
[72] ROBINSON, URANO A., US
[72] DA CRUZ, J.MARCIO, US
[73] STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY, US
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[54] **DEVICE AND METHOD FOR PRODUCING A PART FROM A COMPOSITE MATERIAL**
[54] **DISPOSITIF ET METHODE POUR LA FABRICATION D'UNE PIECE EN MATERIAU COMPOSITE**
[72] PLANTE, ROMAIN, FR
[72] CANAVESE, CLAUDE, FR
[72] PINGON, DENIS, FR
[72] DURAND, JEAN-FRANCOIS, FR
[73] SNECMA, FR
[85] 2014-04-01
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[54] **PANNEAU STRATIFIE EXEMPT DE PAPIER DE CONTRETRACTION**
[72] DOHRING, DIETER, DE
[72] SCHAFER, HANS, DE
[73] XYLO TECHNOLOGIES AG, CH
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[54] **METHOD AND DEVICE FOR DETERMINING GREENHOUSE GAS EMISSION FROM A RUMINANT**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'UNE EMISSION DE GAZ A EFFET DE SERRE EMANANT D'UN RUMINANT**
[72] VAN DER KAMP, ADOLF JAN, NL
[72] KOOL, PIETER NEELUS, NL
[72] VAN DER TOL, PATRICK PHILIP JACOB, NL
[73] LELY PATENT N.V., NL
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[54] **DISPOSITIF DE REPARATION DES HERNIES ET PROCEDE CORRESPONDANT**
[72] COHEN, MATTHEW, US
[73] COVIDIEN LP, US
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[54] **RESEAUX D'ACTUALITES POUR JEUX VIDEO EN LIGNE**
[72] ST-AMAND, ERIC, CA
[73] INTERPROVINCIAL LOTTERY CORPORATION, CA
[85] 2014-04-25
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[54] **ENSEMBLE DE SUTURE COMPRENANT UN ESPACEUR**
[72] ALTMAN, NIR, IL
[72] FABIAN, IZHAK, IL
[73] EASYLAP LTD., IL
[85] 2014-05-09
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[72] LORENTO, DONALD PETER, CA
[73] KME GERMANY GMBH & CO. KG, DE
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[54] **DIFFRACTIVE DEVICE**
[54] **DISPOSITIF DIFFRACTIF**
[72] POWER, GARY FAIRLESS, AU
[73] CCL SECURE PTY LTD, AU
[85] 2014-05-22
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[54] **CHLORHYDRATE DE DERIVE DE PURINONE**
[72] YAMAMOTO, SHINGO, JP
[72] YOSHIZAWA, TOSHIO, JP
[73] ONO PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **SYSTEMS AND METHODS FOR TRAFFIC AGGREGATION ON MULTIPLE WAN BACKHAULS AND MULTIPLE DISTINCT LAN NETWORKS**
[54] **SYSTEMES ET PROCEDES D'AGREGATION DE TRAFIC SUR DE MULTIPLES LIAISONS TERRESTRES WAN ET DE MULTIPLES RESEAUX LAN DISTINCTS**
[72] CIOFFI, JOHN, US
[72] TEHRANI, ARDAVAN MALEKI, US
[72] RHEE, WONJONG, US
[72] BHAGAVATULA, RAMYA, US
[72] CHOW, PETER, US
[72] KERPEZ, KENNETH, US
[72] GALLI, STEFANO, US
[72] GOLDBURG, MARC, US
[72] YUN, SUNGHO, US
[73] ASSIA SPE, LLC, US
[85] 2014-06-04
[86] 2011-12-05 (PCT/US2011/063326)
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[25] EN
[54] **POLYMER ELECTROLYTE COMPOSITION, AND POLYMER ELECTROLYTE MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL EACH USING SAME**
[54] **COMPOSITION D'ELECTROLYTE POLYMERE ET MEMBRANE ELECTROLYTE POLYMERE, ASSEMBLAGE MEMBRANE ELECTRODE ET PILE A COMBUSTIBLE A POLYMERE SOLIDE L'UTILISANT CHACUN**
[72] IZUHARA, DAISUKE, JP
[72] KUNITA, TOMOYUKI, JP
[72] YACHI, YUKA, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2014-06-05
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[54] **DESTRUCTION DE DECHET ORGANIQUE**
[72] SHOSEYOV, ODED, IL
[72] HALPERIN, ODED, IL
[73] PAULEE CLEANTEC LTD., IL
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[25] EN
[54] **METHOD OF INERTING PIPELINES, BURIED TANKS OR WELLBORES USING AN SAP**
[54] **PROCEDE D'INERTAGE DE CANALISATION, DE RESERVOIR ENTERRE OU DE PUITS DE FORAGE METTANT EN OEUVRE UN SAP**
[72] DELHEUR, STEPHANE, FR
[72] LYOT, PIERRE, FR
[73] S.P.C.M. SA, FR
[85] 2014-06-09
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[25] EN
[54] **HIGH-EFFICIENCY NANOPARTICLE-TYPE DOUBLE-HELICAL OLIGO-RNA STRUCTURE AND METHOD FOR PREPARING SAME**
[54] **STRUCTURE D'OLIGO-ARN DOUBLE HELICE DE TYPE NANOPARTICULE A EFFICACITE ELEVEE ET SON PROCEDE DE PREPARATION**
[72] CHAE, JEIWOOK, KR
[72] HAN, BORAM, KR
[72] KIM, HAN-NA, KR
[72] PARK, HAN OH, KR
[73] BIONEER CORPORATION, KR
[85] 2014-07-03
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[25] EN
[54] **DETECTOR ARRANGEMENT FOR BLOOD CULTURE BOTTLES WITH COLORIMETRIC SENSORS**
[54] **AGENCEMENT DETECTEUR POUR BOUTEILLES DE CULTURE SANGUINE A CAPTEURS COLORIMETRIQUES**
[72] CLAY, BRADFORD G., US
[73] BIOMERIEUX, INC., US
[85] 2014-07-15
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[25] EN
[54] **CABLE RETAINER DEVICE AND METHOD FOR RETAINING CABLE IN AN AIRCRAFT**
[54] **DISPOSITIF DE RETENUE DE CABLE ET PROCEDE DE RETENUE DE CABLE DANS UN AVION**
[72] LANDRY, PIERRE, CA
[72] MIRON, JEAN-PHILIPPE, CA
[72] CAUDRON, MARC-ANDRE, CA
[72] JACQUES, CHARLES, CA
[72] PAUL, ALEXANDRE, CA
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[54] **DRIVE DEVICE FOR INSERTING A FLEXIBLE OBJECT INTO A CONDUIT**
[54] **DISPOSITIF D'ENTRAINEMENT PERMETTANT L'INTRODUCTION D'UN OBJET FLEXIBLE A L'INTERIEUR D'UN CONDUIT**
[72] LESCURE, JEAN-FRANCOIS, FR
[72] COLAS, STEPHANE, FR
[73] ETAT FRANCAIS REPRESENTE PAR LE DELEGUE GENERAL POUR L'ARMEMENT, FR
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[54] **DETECTION DE TOPOLOGIE DE RESEAU ET DETECTION DE FRAUDE AUTOMATIQUES**
[72] VAN WYK, HARTMAN, US
[73] ITRON GLOBAL SARL, US
[85] 2014-08-01
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[54] **SOAP BAR**
[54] **PAIN DE SAVON**
[72] SCALA, DIANA, US
[72] HALL-PUZIO, PATRICIA, US
[72] AMOAFO, MICHAEL, US
[72] CAI, PERRY, CN
[72] LIANG, JEFFER, CN
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **METHOD FOR THE CONTROL OF A WIND TURBINE WITH NO MAINS SUPPORT AVAILABLE**
[54] **PROCEDE DE COMMANDE D'UNE EOLIENNE SANS ASSISTANCE ELECTRIQUE**
[72] BEEKMANN, ALFRED, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[54] **SELF-DRILLING SCREW AND USE THEREOF**
[54] **VIS AUTO-TARAUDEUSE ET SON UTILISATION**
[72] ZACH, MARCO, CH
[72] SCHMID, PETER, CH
[72] DUTLER, RENE, CH
[73] SFS INTEC HOLDING AG, CH
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[25] EN
[54] **WASTE GASIFICATION MELTING FURNACE**
[54] **FOUR DE GAZEIFICATION ET FUSION DES DECHETS**
[72] KOBAYASHI, ATSUSHI, JP
[72] ISHIDA, YOSHIHIRO, JP
[72] KAJIYAMA, HIROHISA, JP
[72] TAKADA, JUNICHI, JP
[72] TANIGAKI, NOBUHIRO, JP
[72] MAKISHI, RYOH, JP
[72] HIRAKURA, SHOH, JP
[72] FUJINAGA, YASUKA, JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
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[54] **FEMALE URINATION RECEIVER**
[54] **RECEPTEUR D'URINE POUR FEMMES**
[72] DESAI, AKHIL RAJENDRA, ZA
[73] DESAI, AKHIL RAJENDRA, ZA
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[25] EN
[54] **METHOD AND APPARATUS FOR PRILLING WITH PRESSURE CONTROL**
[54] **PROCEDE ET APPAREIL POUR LE GRELONAGE AVEC REGLAGE DE PRESSION**
[72] DONNICK, DAVID W., US
[72] BARTHE, STEPHANIE C., US
[72] CLEOTELIS, GREGORY A., US
[72] HOWES, ANDREW J., US
[72] KWEEDER, JAMES A., US
[72] WISSINGER, RAYMOND G., US
[73] ADVANSIX RESINS & CHEMICALS LLC, US
[85] 2014-08-29
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[51] **Int.Cl. F16H 61/468 (2010.01)**
[25] EN
[54] **POWER MANAGEMENT FOR A DRIVE SYSTEM**
[54] **GESTION DE PUISSANCE POUR UN SYSTEME D'ENTRAINEMENT**
[72] YOUNG, CHRISTOPHER L., US
[73] CLARK EQUIPMENT COMPANY, US
[85] 2014-09-04
[86] 2012-12-28 (PCT/US2012/072057)
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[51] **Int.Cl. A61F 13/02 (2006.01) A61M 25/02 (2006.01)**
[25] EN
[54] **FOLDABLE IV CATHETER SECUREMENT DRESSING FOR PROTECTING AGAINST INADVERTENT CONTAMINATION**
[54] **PANSEMENT PLIABLE POUR CATHETER IV PROTEGEANT DES CONTAMINATIONS ACCIDENTELLES**
[72] SOUZA, MARCEL A., US
[72] PETERSON, BART D., US
[72] PETERSON, DARIN L., US
[72] KHAN, AZHAR J., US
[72] CHRISTENSEN, KELLY D., US
[73] BECTON, DICKINSON AND COMPANY, US
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[86] 2012-12-06 (PCT/US2012/068119)
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[30] US (61/568,087) 2011-12-07
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[51] **Int.Cl. C10L 3/10 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **LNG FORMATION**
[54] **FORMATION DE GAZ NATUREL LIQUEFIE (GNL)**
[72] OELFKE, RUSSELL H., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-09-15
[86] 2013-03-04 (PCT/US2013/028906)
[87] (WO2013/148075)
[30] US (61/618,290) 2012-03-30
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[51] **Int.Cl. E02D 29/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR RENOVATING A SEWER MANHOLE**
[54] **SYSTEME POUR RENOVER UN REGARD D'EGOUT**
[72] ESCHENBRENNER, PETER, DE
[72] ESCHENBRENNER, BERND, DE
[73] ESCHENBRENNER, PETER, DE
[85] 2014-09-22
[86] 2013-03-21 (PCT/EP2013/055899)
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[30] DE (10 2012 102 433.2) 2012-03-22

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[13] C
[51] **Int.Cl. G01S 19/45 (2010.01) G01S 19/10 (2010.01) G01S 19/46 (2010.01) G01S 19/51 (2010.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING A POSITION OF A GNSS RECEIVER**
[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE POSITION D'UN RECEPTEUR GNSS**
[72] YOUSSEF, MOHAMED, CA
[72] AFZAL, MUHAMMAD HARIS, CA
[72] AMINIAN, BEHNAM, CA
[72] IZADPANAH, ASHKAN, CA
[73] FATHOM SYSTEMS INC., CA
[85] 2014-09-23
[86] 2012-03-29 (PCT/CA2012/000293)
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[51] **Int.Cl. B27B 33/00 (2006.01) B26D 7/26 (2006.01)**
[25] EN
[54] **WOOD CUTTING BLADE WITH ADJUSTMENT LEGS AND BLADE POSITIONING ASSEMBLY**
[54] **LAME DE COUPE DE BOIS AVEC PATTES REGLABLES ET ENSEMBLE DE POSITIONNEMENT DE LAME**
[72] TOLLIVER, RUNYON, US
[72] LEWANDOWSKI, PAUL, US
[73] THE KINETIC CO., INC., US
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[51] **Int.Cl. A01K 15/02 (2006.01) A01K 15/00 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **PET EXERCISE AND ENTERTAINMENT DEVICE**
[54] **DISPOSITIF D'EXERCICE ET DE DIVERTISSEMENT POUR ANIMAL DOMESTIQUE**
[72] HAMILL, DENNIS W., US
[72] HAMILL, DEBORAH LYNN, US
[72] HAMILL, LEE ELIZABETH, US
[72] HAMILL, GRANT PATRICK, US
[72] HAMILL, KATIE MARCELLA, US
[72] HAMILL, LUCY REJAHL, US
[73] IFETCH, LLC, US
[85] 2014-09-04
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[30] US (61/606,835) 2012-03-05
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[25] EN
[54] **METHODS FOR PRODUCING NEW PACKAGING DESIGNS BASED ON PHOTOPROTECTIVE MATERIALS**
[54] **PROCEDES DE FABRICATION DE NOUVELLES CONFIGURATIONS D'EMBALLAGE EN FONCTION DE MATERIAUX DE PHOTOPROTECTION**
[72] JERNAKOFF, PETER, US
[72] NIEDENZU, PHILIPP MARTIN, US
[72] STANCIK, CHERYL MARIE, US
[72] MILONE, MICHAEL PATRICK, US
[73] THE CHEMOURS COMPANY FC, LLC, US
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[30] US (61/639,309) 2012-04-27

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[51] **Int.Cl. G01N 33/558 (2006.01) C12M 1/34 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **DEVICE FOR PERFORMING A DIAGNOSTIC TEST AND METHODS FOR USE THEREOF**
[54] **DISPOSITIF POUR EFFECTUER UN TEST DE DIAGNOSTIC ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] EHRENKRANZ, JOEL R. L., US
[73] EHRENKRANZ, JOEL R. L., US
[85] 2014-10-16
[86] 2013-04-12 (PCT/US2013/036446)
[87] (WO2013/158504)
[30] US (61/625,368) 2012-04-17
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[51] **Int.Cl. C22B 3/08 (2006.01) B01D 11/02 (2006.01) B01F 7/22 (2006.01) B01F 15/02 (2006.01) B01J 3/02 (2006.01) C22B 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR ADDING STARTING MATERIAL SLURRY AND SULFURIC ACID TO AUTOCLAVE IN HIGH PRESSURE ACID LEACHING PROCESS AND AUTOCLAVE**
[54] **PROCEDE D'ADDITION D'UNE SUSPENSION DE MATERIAU DE DEPART ET D'ACIDE SULFURIQUE DANS UN AUTOCLAVE DANS UN PROCEDE DE LIXIVIATION ACIDE A HAUTE PRESSION ET AUTOCLAVE**
[72] MATSUBARA, SATOSHI, JP
[72] NAKAI, OSAMU, JP
[72] KYODA, YOJI, JP
[72] SAKAMOTO, TAKASHI, JP
[72] MAKI, KOICHIRO, JP
[72] KITAHARA, MASAKI, JP
[72] ISHIKAWA, HARUO, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2014-10-23
[86] 2013-04-15 (PCT/JP2013/061158)
[87] (WO2013/161599)
[30] JP (2012-101614) 2012-04-26
[30] JP (2012-260286) 2012-11-28

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[51] **Int.Cl. H01M 10/44 (2006.01) H02J 7/00 (2006.01) H05K 7/02 (2006.01) A61G 12/00 (2006.01)**
[25] EN
[54] **MOBILE CART AND POWER SYSTEM THEREFOR**
[54] **CHARIOT MOBILE ET SYSTEME D'ALIMENTATION POUR UN TEL CHARIOT**
[72] BOYD, JAMES S., US
[73] SCOTT-CLARK, L.P., US
[85] 2014-10-27
[86] 2013-04-29 (PCT/US2013/038640)
[87] (WO2013/163647)
[30] US (61/639,283) 2012-04-27

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[13] C
[51] **Int.Cl. G01N 33/00 (2006.01) G01N 21/78 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **A METHOD TO MEASURE SURFACTANT IN FLUID**
[54] **PROCEDE POUR MESURER UN TENSIO-ACTIF DANS UN FLUIDE**
[72] PACHECO E SILVA, VIVIANE, BR
[72] WANDERLAY BRATFISCH PACE, LUIZ, BR
[72] CARONE JUNIOR, EDMIR, BR
[73] NALCO COMPANY, US
[85] 2014-10-28
[86] 2013-06-17 (PCT/US2013/046074)
[87] (WO2013/192068)
[30] US (13/525,395) 2012-06-18

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[13] C
[51] **Int.Cl. B29C 48/365 (2019.01) B29B 7/48 (2006.01) F04C 2/00 (2006.01)**
[25] EN
[54] **A DEVICE FOR MANUFACTURING SYNTHETIC GRANULES, EXTRUDED PROFILES OR MOLDED PARTS AND MELT PUMP THEREFOR**
[54] **DISPOSITIF SERVANT A FABRIQUER DES GRANULES SYNTHETIQUES, DES PROFILS EXTRUDES OU DES PIECES MOULEES ET POMPE A MASSE FONDUE POUR CE DISPOSITIF**
[72] HENKE, MATTHIAS, DE
[73] HENKE PROPERTY UG (HAFTUNGSBESCHRANKT), DE
[85] 2014-09-11
[86] 2013-06-24 (PCT/DE2013/000327)
[87] (WO2014/000725)
[30] DE (10 2012 012 444.9) 2012-06-25

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[51] **Int.Cl. F04D 25/10 (2006.01) C05F 17/02 (2006.01) F04D 27/02 (2006.01) F24F 7/00 (2006.01)**
[25] EN
[54] **VENTILATION UNIT FOR FLOW REVERSAL**
[54] **UNITE DE VENTILATION POUR INVERSION D'ECOULEMENT**
[72] CELLA MAZZARIOL, PIETRO PAOLO, IT
[72] GALANZINO, GIAN FRANCESCO, IT
[72] AVONTO, ALESSANDRO, IT
[73] ENTSORGAFIN S.P.A., IT
[85] 2014-11-13
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[54] **IRREGULAR EXCITATION OF OPTICAL SENSORS**
[54] **EXCITATION IRREGULIERE DE CAPTEURS OPTIQUES**
[72] INMAN, SAMUEL WALKER, US
[72] HUNTER, IAN W., US
[73] INMAN, SAMUEL WALKER, US
[73] HUNTER, IAN W., US
[85] 2014-11-14
[86] 2012-05-18 (PCT/US2012/038540)
[87] (WO2012/159013)
[30] US (61/487,428) 2011-05-18
[30] US (61/648,279) 2012-05-17

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[13] C
[51] **Int.Cl. B60K 17/28 (2006.01) B60K 25/02 (2006.01) B60K 25/06 (2006.01) F02B 63/06 (2006.01) F04B 17/05 (2006.01)**
[25] EN
[54] **FRONT POWER TAKEOFF FOR UTILITY VEHICLE**
[54] **PRISE DE FORCE AVANT POUR VEHICULE UTILITAIRE**
[72] MAROTTE, DAVID E., US
[72] KETTNER, MATTHEW, US
[72] KALDOR, MATTHEW J., US
[73] CLARK EQUIPMENT COMPANY, US
[85] 2014-10-23
[86] 2012-12-27 (PCT/US2012/071774)
[87] (WO2014/039070)
[30] US (61/696,534) 2012-09-04

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[51] **Int.Cl. H01M 4/92 (2006.01)**
[25] EN
[54] **METHOD OF PREPARING A CATALYTIC STRUCTURE**
[54] **PROCEDE PERMETTANT DE PREPARER UNE STRUCTURE CATALYTIQUE**
[72] KALLESOE, CHRISTIAN, DK
[72] FANO CLAUSEN, HENRIK, DK
[72] HOJSLET CHRISTENSEN, LEIF, DK
[72] LUND-OLESEN, TORSTEN, DK
[72] AREF HASEN MAMAKHEL, MOHAMMAD, DK
[72] BRUMMERSTEDT IVERSEN, BO, DK
[72] BECKER-CHRISTENSEN, JACOB, DK
[72] FRIIS AARUP, DAVID, DK
[72] HALES, JAN, DK
[73] TEKNOLOGISK INSTITUT, DK
[85] 2014-11-27
[86] 2013-07-05 (PCT/DK2013/050227)
[87] (WO2014/005598)
[30] EP (12175384.2) 2012-07-06

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[13] C
[51] **Int.Cl. F16H 61/421 (2010.01) F16H 47/02 (2006.01)**
[25] EN
[54] **UTILITY VEHICLE TWO SPEED DRIVE MOTOR CONTROL**
[54] **COMMANDE DE MOTEUR D'ENTRAINEMENT A DEUX VITESSES DE VEHICULE UTILITAIRE**
[72] KALDOR, MATTHEW J., US
[73] CLARK EQUIPMENT COMPANY, US
[85] 2014-11-27
[86] 2012-12-27 (PCT/US2012/071771)
[87] (WO2014/039069)
[30] US (61/696,530) 2012-09-04

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[25] EN
[54] **COMPOUND AS WNT SIGNALING INHIBITOR, COMPOSITION, AND USE THEREOF**
[54] **COMPOSE COMME INHIBITEUR DE LA VOIE DE SIGNALISATION WNT, COMPOSITION ET UTILISATION ASSOCIEE**
[72] AN, SONGZHU, CN
[73] CUREGENIX INC., CN
[85] 2014-12-02
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[25] EN
[54] **GLYCEROL-BASED POLYMERS FOR REDUCING DEPOSITION OF ORGANIC CONTAMINANTS IN PAPERMAKING PROCESSES**
[54] **POLYMERES A BASE DE GLYCEROL DESTINES A REDUIRE LE DEPOT DE CONTAMINANTS ORGANIQUES AU COURS DE PROCESSUS DE FABRICATION DE PAPIER**
[72] LI, XIAOJIN HARRY, US
[72] RICHARDSON, PAUL F., US
[72] SHEVCHENKO, SERGEY M., US
[73] ECOLAB USA INC., US
[85] 2014-12-08
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[87] (WO2014/018898)
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[51] **Int.Cl. C11D 3/37 (2006.01) C08B 13/00 (2006.01) C08L 5/00 (2006.01)**
[25] EN
[54] **BIODEGRADABLE STABILITY BINDING AGENT FOR A SOLID DETERGENT**
[54] **AGENT DE LIAISON DE STABILITE BIODEGRADABLE POUR UN DETERGENT SOLIDE**
[72] WALTERS, KERRIE E., US
[72] SILVERNAIL, CARTER, US
[73] ECOLAB USA INC., US
[85] 2014-12-10
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[25] EN
[54] **DISCONNECTABLE TURRET MOORING SYSTEM**
[54] **SYSTEME DETACHABLE D'AMARRAGE A TOURELLE**
[72] BAUDUIN, CHRISTIAN RAYMOND, FR
[72] TOGGIANI, JEAN-YVES SILVAIN, FR
[72] BENOIT, JEAN PIERRE, FR
[72] PERRIN, JEROME, FR
[73] SINGLE BUOY MOORINGS INC., CH
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[25] EN
[54] **MANAGED PRESSURE CEMENTING**
[54] **CIMENTATION PAR PRESSION**
[72] HANNEGAN, DON M., US
[72] PENA, CESAR, US
[72] PAVEL, DAVID, US
[72] GRAYSON, MICHAEL BRIAN, US
[72] BOUTALBI, SAID, US
[72] COOPER, TODD DOUGLAS, US
[72] DUNN, TIMOTHY P., US
[72] ZAMORA, FRANK, JR., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[25] EN
[54] **METHOD FOR FABRICATING SILICONE-CONTAINING COPOLYMER MOLDED ARTICLE HAVING HYDROPHILIC SURFACE AND SILICONE HYDROGEL CONTACT LENS HAVING HYDROPHILIC SURFACE.**
[54] **METHODE DE FABRICATION D'ARTICLE MOULE EN COPOLYMERE RENFERMANT DU SILICONE AYANT UNE SURFACE HYDROPHILE ET LENTILLE DE CONTACT HYDROGEL SILICONE AYANT UNE SURFACE HYDROPHILE**
[72] IMAFUKU, SUGURU, JP
[73] HOYA CORPORATION, JP
[85] 2014-10-10
[86] 2014-01-21 (PCT/JP2014/051031)
[87] (WO2015/001811)
[30] JP (2013-138880) 2013-07-02

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[25] EN
[54] **SYNTHETIC PROPPANTS AND MONODISPERSED PROPPANTS AND METHODS OF MAKING THE SAME**
[54] **AGENTS DE SOUTENEMENT SYNTHETIQUES ET AGENTS DE SOUTENEMENT MONODISPERSES, ET PROCEDES DE FABRICATION DE CES DERNIERS**
[72] SKALA, ROBERT D., US
[72] FANG, CHRISTOPHER Y., US
[72] COKER, CHRISTOPHER E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-28
[86] 2013-07-26 (PCT/US2013/052203)
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[51] **Int.Cl. B67D 7/06 (2010.01) B67D 7/04 (2010.01) B65D 90/30 (2006.01)**
[25] EN
[54] **OPTIMIZATION OF A VAPOR RECOVERY UNIT**
[54] **OPTIMISATION D'UNE UNITE DE RECUPERATION DE VAPEUR**
[72] KUMMERER, ANDREW U., US
[72] BOYKIN, DALE, SR., US
[72] STOODT, KEVIN, US
[73] MARATHON PETROLEUM COMPANY LP, US
[86] (2880942)
[87] (2880942)
[22] 2015-02-05
[30] US (61/939,427) 2014-02-13

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[51] **Int.Cl. A47C 1/02 (2006.01) A47C 7/38 (2006.01)**
[25] EN
[54] **CHAIR AND CHAIR BACK ASSEMBLIES**
[54] **ASSEMBLAGES DE CHAISE ET DE DOSSIER DE CHAISE**
[72] NORMAN, CHRISTOPHER J., US
[72] DEEVERS, NICKOLAUS WILLIAM CHARLES, US
[72] QUIGLEY, TODD, US
[72] DINNEWETH, MARK J., US
[73] STEELCASE INC., US
[85] 2015-02-10
[86] 2013-09-19 (PCT/US2013/060533)
[87] (WO2014/047242)
[30] US (61/704,018) 2012-09-21
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[25] EN
[54] **ESTERS FOR DRILLING EMULSIONS AND METAL WORKING FLUIDS**
[54] **ESTERS POUR EMULSIONS DE FORAGE ET FLUIDES DE TRAITEMENT DES METAUX**
[72] MULLER, HEINZ, DE
[72] MAKER, DIANA, DE
[72] HAHNEL, PATRICK, DE
[73] AMRIL AG, CH
[85] 2015-02-11
[86] 2012-07-26 (PCT/EP2012/064730)
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[25] EN
[54] **SOYBEAN VARIETY 01050493**
[54] **VARIETE DE SOYA 01050493**
[72] WOHLESER, HEINRICH S., US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2883230)
[87] (2883230)
[22] 2015-02-26
[30] US (14/574,254) 2014-12-17

[11] **2,883,234**
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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY 01051034**
[54] **VARIETE DE SOYA 01051034**
[72] BEHM, JAMES, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2883234)
[87] (2883234)
[22] 2015-02-26
[30] US (14/574,215) 2014-12-17

[11] **2,883,237**
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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY 01057523**
[54] **VARIETE DE SOYA 01057523**
[72] CARLSON, CARRIN, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2883237)
[87] (2883237)
[22] 2015-02-26
[30] US (14/574,208) 2014-12-17

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[13] C
[51] **Int.Cl. F17C 13/02 (2006.01) B67D 7/58 (2010.01)**
[25] EN
[54] **CHEMICAL INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION DE PRODUIT CHIMIQUE**
[72] KRISTOLA, JAY L., US
[72] FARRELL, MICHAEL D., US
[72] NOWAK, DAVID J., US
[73] LINC ENERGY SYSTEMS, INC., US
[85] 2015-02-27
[86] 2013-08-23 (PCT/US2013/056366)
[87] (WO2014/035814)
[30] US (13/598,208) 2012-08-29

[11] **2,883,957**
[13] C
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/40 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **SYSTEM HAVING MULTIPLE PNEUMATICALLY SEALED TROCARS**
[54] **SYSTEME AYANT DES TROCARTS SCELLES DE FACON PNEUMATIQUE MULTIPLES**
[72] MASTRI, DOMINICK, US
[72] TANG, RAYMOND YUE-SING, US
[72] STEARNS, RALPH, US
[72] BLIER, KENNETH, US
[73] SURGIQUEST, INC., US
[85] 2015-03-03
[86] 2013-09-05 (PCT/US2013/058192)
[87] (WO2014/039633)
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[13] C
[51] **Int.Cl. B03D 1/008 (2006.01) B03D 1/01 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **COMPOSITION FOR DRESSING PHOSPHATE ORE**
[54] **COMPOSITION DE TRAITEMENT DE MINERAIS DE PHOSPHATE**
[72] DA SILVA, WAGNER CLAUDIO, BR
[72] PEDAIN, KLAUS ULRICH, DE
[72] BARTALINI, NILSON MAR, BR
[72] DUARTE, ZAIRE GUIMARAES, BR
[72] SPECK CASSOLA, MONICA, BR
[72] ARIAS MEDINA, JORGE ANTONIO, BR
[72] OLIVEIRA FILHO, ANTONIO PEDRO, BR
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[73] CLARIANT S.A., BR
[85] 2015-03-12
[86] 2013-08-20 (PCT/EP2013/002502)
[87] (WO2014/040686)
[30] EP (12006427.4) 2012-09-13

[11] **2,886,055**
[13] C
[51] **Int.Cl. G06F 21/56 (2013.01) G06F 21/74 (2013.01)**
[25] EN
[54] **VIRTUAL MACHINE SERVICES**
[54] **SERVICES DE MACHINE VIRTUELLE**
[72] SONNEK, JASON D., US
[72] HARP, STEVEN A., US
[72] HAIGH, J. THOMAS, US
[73] ADVENTIUM ENTERPRISES, LLC, US
[85] 2015-03-25
[86] 2013-09-27 (PCT/US2013/062196)
[87] (WO2014/052764)
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[13] C
[51] **Int.Cl. G01N 33/22 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **CHARACTERIZATION AND PREDICTION OF JET FUEL QUALITY**
[54] **CARACTERISATION ET PREDICTION DE LA QUALITE D'UN CARBURANT POUR REACTEUR**
[72] QUANN, RICHARD J., US
[72] NOVAK, WILLIAM J., US
[72] QIAN, KUANGNAN, US
[72] RIEDINGER, WILLIAM E., US
[72] GAUGHAN, ROGER G., US
[72] COODING, BEATRICE M., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-03-27
[86] 2013-10-29 (PCT/US2013/067197)
[87] (WO2014/085009)
[30] US (61/731,092) 2012-11-29

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[51] **Int.Cl. B25C 7/00 (2006.01) B25B 27/02 (2006.01) B25B 27/14 (2006.01)**
[25] EN
[54] **COLLATING STRIP FOR PLUG AND PLUG INSTALLATION METHOD**
[54] **BANDE DE REGROUPEMENT DE CHEVILLES ET PROCEDE D'INSTALLATION DE CHEVILLE**
[72] SHADWELL, PETER J., US
[72] BELINDA, RICHARD L., US
[72] GILLIS, TIMOTHY F., US
[73] HANDY & HARMAN, US
[85] 2015-04-08
[86] 2013-10-09 (PCT/US2013/064017)
[87] (WO2014/058962)
[30] US (61/711,244) 2012-10-09
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[51] **Int.Cl. B05B 11/00 (2006.01) B05B 1/34 (2006.01) B65D 47/34 (2006.01) B65D 83/76 (2006.01)**
[25] EN
[54] **SPRAY HEAD AND CONTAINER PROVIDED WITH THE SAME**
[54] **TETE DE PULVERISATION ET CONTENANT DOTE DE CELLE-CI**
[72] KUWAHARA, KATSUHITO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2015-04-27
[86] 2012-12-13 (PCT/JP2012/007980)
[87] (WO2014/068627)
[30] JP (2012-241258) 2012-10-31

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[13] C
[51] **Int.Cl. A22B 3/06 (2006.01)**
[25] EN
[54] **EFFECTIVE ANIMAL STUNNING**
[54] **ETOURDISSEMENT EFFICACE D'ANIMAUX**
[72] RALPH, JAMES HENRY, AU
[72] MCLEAN, DAVID WILLIAM, AU
[73] WAGSTAFF FOOD SERVICES PTY LTD, AU
[85] 2015-04-22
[86] 2013-11-04 (PCT/AU2013/001271)
[87] (WO2014/066953)
[30] US (13/668,030) 2012-11-02

[11] **2,893,635**
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[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **STREET LIGHTING CONTROL, METHOD, DEVICE AND SYSTEM.**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE COMMANDE D'ECLAIRAGE URBAIN.**
[72] DESTINE, JACQUES, BE
[72] LEJEUNE, GUY, DE
[73] UNIVERSITE DE LIEGE, BE
[85] 2015-06-03
[86] 2013-12-06 (PCT/EP2013/075868)
[87] (WO2014/095433)
[30] EP (12198770.5) 2012-12-20

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[25] EN
[54] **CARTRIDGE FOR THE PREPARATION OF BEVERAGES**
[54] **CARTOUCHE POUR LA PREPARATION DE BOISSONS**
[72] MASSEY, TULAY, GB
[72] MELROSE, JOHN, GB
[72] SAUNDERS, TONY, GB
[72] CARR, SIMON, GB
[72] RADCLIFFE, IAN ALEXANDER JAMES, GB
[72] BEEKER, WILLEM PAUL, GB
[72] CURTIS, STUART JAMES, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[86] (2894436)
[87] (2894436)
[22] 2015-06-12
[30] GB (1410615.7) 2014-06-13

[11] **2,897,427**
[13] C
[51] **Int.Cl. F16L 3/015 (2006.01)**
[25] EN
[54] **COLLAPSIBLE SUPPORT STRUCTURE FOR FLEXIBLE HOSES**
[54] **STRUCTURE DE SUPPORT TELESCOPIQUE POUR TUYAUX SOUPLES**
[72] BOUTIN, YVAN, CA
[73] BOUTIN, YVAN, CA
[86] (2897427)
[87] (2897427)
[22] 2015-07-16
[30] GB (1412670.0) 2014-07-16

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[51] **Int.Cl. F16B 7/14 (2006.01) A47H 1/022 (2006.01) A47K 3/38 (2006.01)**
[25] EN
[54] **LOCKING TELESCOPING ROD**
[54] **TIGE TELESCOPIQUE VERROUILLABLE**
[72] BERTRAND, STEPHEN, US
[72] DANIELS, JAMES L., US
[73] LIBERTY HARDWARE MFG. CORP., US
[86] (2897550)
[87] (2897550)
[22] 2015-07-17
[30] US (14/336,187) 2014-07-21

[11] **2,897,737**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **RULE SWAPPING IN A PACKET NETWORK**
[54] **TRANSFERT DE REGLES DANS UN RESEAU A COMMUTATION DE PAQUETS**
[72] AHN, DAVID K., US
[72] ROGERS, STEVEN, US
[72] MOORE, SEAN, US
[73] CENTRIPETAL NETWORKS, INC., US
[85] 2015-07-09
[86] 2013-12-02 (PCT/US2013/072566)
[87] (WO2014/109843)
[30] US (13/739,178) 2013-01-11

[11] **2,898,872**
[13] C
[51] **Int.Cl. A61L 9/16 (2006.01)**
[25] EN
[54] **METHODS AND EQUIPMENT FOR TREATMENT OF ODOROUS GAS STREAMS**
[54] **PROCEDES ET EQUIPEMENT DE TRAITEMENT DE COURANTS DE GAZ ODORANTS**
[72] TEMPLE, STEPHEN R., US
[72] WHITNEY, HOWARD EVERETT, US
[72] TEMPLE, BJORN, US
[73] STEEN RESEARCH, LLC, US
[85] 2015-07-21
[86] 2014-01-21 (PCT/US2014/012382)
[87] (WO2014/116603)
[30] US (61/754,972) 2013-01-22

[11] **2,899,145**
[13] C
[51] **Int.Cl. H04N 5/222 (2006.01) H04N 5/262 (2006.01) H04N 5/268 (2006.01)**
[25] EN
[54] **HARD KEY CONTROL PANEL FOR A VIDEO PROCESSING APPARATUS AND VIDEO PROCESSING SYSTEM**
[54] **PANNEAU DE COMMANDE A TOUCHES MATERIELLES POUR UN APPAREIL DE TRAITEMENT VIDEO, ET SYSTEME DE TRAITEMENT VIDEO**
[72] KRUG, ALFRED, DE
[72] PAPKE, SVEN, DE
[73] SCALABLE VIDEO SYSTEMS GMBH, DE
[85] 2015-07-23
[86] 2014-02-02 (PCT/EP2014/051974)
[87] (WO2014/122081)
[30] EP (13154728.3) 2013-02-08

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[13] C
[51] **Int.Cl. B01J 29/70 (2006.01) B01J 29/72 (2006.01) C10G 45/62 (2006.01) C10G 49/06 (2006.01) C10G 65/04 (2006.01)**
[25] EN
[54] **PRODUCTION OF LOW CLOUD POINT DISTILLATE FUELS**
[54] **PRODUCTION D'HUILE LOURDE DE FAIBLE POINT DE TROUBLE**
[72] XU, XIAOCHUN, US
[72] NOVAK, WILLIAM J., US
[72] HILBERT, TIMOTHY L., US
[72] MCCARTHY, STEPHEN J., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-07-27
[86] 2014-02-28 (PCT/US2014/019224)
[87] (WO2014/158675)
[30] US (61/806,606) 2013-03-29

[11] **2,901,340**
[13] C
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/30 (2006.01)**
[25] EN
[54] **AQUEOUS DELIVERY SYSTEM FOR LOW SURFACE ENERGY STRUCTURES**
[54] **SYSTEME D'ADMINISTRATION AQUEUSE POUR DES STRUCTURES A FAIBLE ENERGIE DE SURFACE**
[72] FREESE, DONALD T., US
[72] EDMUNDSON, MARK D., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-08-13
[86] 2014-03-13 (PCT/US2014/025782)
[87] (WO2014/151459)
[30] US (13/837,243) 2013-03-15

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **FILTERING NETWORK DATA TRANSFERS**
[54] **FILTRAGE DE TRANSFERTS DE DONNEES RELATIVES AU RESEAU**
[72] MOORE, SEAN, US
[73] CENTRIPETAL NETWORKS, INC., US
[85] 2015-08-20
[86] 2014-03-11 (PCT/US2014/023286)
[87] (WO2014/164713)
[30] US (13/795,822) 2013-03-12

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[13] C
[51] **Int.Cl. C09D 11/00 (2014.01) C09D 11/16 (2014.01)**
[25] EN
[54] **RINSABLE INKS AND METHODS OF MAKING THE SAME**
[54] **ENCRES RINCABLES ET PROCEDES DE FABRICATION ASSOCIES**
[72] ALLISON, KEITH, US
[72] SKINNER, CRAIG, US
[73] CRAYOLA LLC, US
[85] 2015-08-26
[86] 2014-02-27 (PCT/US2014/018956)
[87] (WO2014/134284)
[30] US (61/769,985) 2013-02-27
[30] US (61/777,609) 2013-03-12

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[13] C
[51] **Int.Cl. G07F 17/32 (2006.01) G07F 17/34 (2006.01)**
[25] EN
[54] **ELECTRONIC GAMING AND/OR ENTERTAINMENT DEVICE**
[54] **APPAREIL ELECTRONIQUE DE JEU ET/OU DIVERTISSEMENT**
[72] WOLS, MARTIN, AT
[72] GAWEL, MAREK, AT
[73] NOVOMATIC AG, AT
[85] 2015-08-27
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[54] **COMPOSITIONS DE CISPLATINE LIPOSOMALE DESTINEES A UNE THERAPIE CONTRE UN CANCER**
[72] MCGHEE, WILLIAM, US
[73] MALLINCKRODT LLC, US
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[54] **POLYPEPTIDES IMMUNOGENES DE FUSION**
[72] ANDERSON, ANNALIESA SYBIL, US
[72] DILTS, DEBORAH ANN, US
[72] JANSEN, KATHRIN UTE, US
[72] MORAN, JUSTIN KEITH, US
[72] RUPPEN, MARK EDWARD, US
[72] VIDUNAS, EUGENE JOSEPH, US
[73] PFIZER INC., US
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[54] **HYPOOSMOTIC SOLUTIONS FOR LYMPH NODE DETECTION**
[54] **SOLUTIONS HYPOOSMOTIQUES POUR UNE DETECTION DE GANGLION LYMPHATIQUE**
[72] SHAWCROSS, ANDREW P., GB
[72] GONZALEZ-CARVAJAL, JOHN, GB
[72] BROWN, MARC, GB
[72] TURNER, ROB, GB
[73] ENDOMAGNETICS LTD., GB
[85] 2015-09-09
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[54] **DISEASE DIAGNOSTIC APPARATUS, IMAGE PROCESSING METHOD IN THE SAME APPARATUS, AND MEDIUM STORING PROGRAM ASSOCIATED WITH THE SAME METHOD**
[54] **APPAREIL DE DIAGNOSTIC DE MALADIE, METHODE DE TRAITEMENT D'IMAGE DANS LEDIT APPAREIL ET PROGRAMME DE STOCKAGE SUR SUPPORT ASSOCIE A LADITE METHODE**
[72] HAMADA, AKIRA, JP
[72] NAKAJIMA, MITSUYASU, JP
[72] TANAKA, MASARU, JP
[72] SATO, TOSHITSUGU, JP
[73] CASIO COMPUTER CO., LTD., JP
[86] (2905061)
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[25] EN
[54] **TRANSMITTER AND METHOD OF TRANSMITTING PAYLOAD DATA, RECEIVER AND METHOD OF RECEIVING PAYLOAD DATA IN AN OFDM SYSTEM**
[54] **EMETTEUR ET PROCEDE D'EMISSION DE DONNEES DE CHARGE UTILE, RECEPTEUR ET PROCEDE DE RECEPTION DE DONNEES DE CHARGE UTILE DANS UN SYSTEME A MROF**
[72] ATUNGSIRI, SAMUEL ASANGBENG, GB
[73] SONY CORPORATION, JP
[85] 2015-09-10
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[54] **SYSTEM AND METHOD FOR MONITORING THE STATUS OF ONE OR MORE COMPONENTS OF AN ELECTRICAL MACHINE**
[54] **SYSTEME ET PROCEDE POUR SURVEILLER L'ETAT D'UN OU PLUSIEURS COMPOSANTS D'UNE MACHINE ELECTRIQUE**
[72] CUTSFORTH, ROBERT S., US
[73] CUTSFORTH, INC., US
[85] 2015-09-14
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[54] **BONE REPAIR SYSTEM, KIT AND METHOD**
[54] **SYSTEME, TROUSSE ET PROCEDE DE REPARATION OSSEUSE**
[72] CAMPBELL, CHRISTOPHER A., US
[72] ROTH, CHRISTOPH A., US
[72] GRIFFITHS, BRYAN, US
[72] GRADY, MARK, US
[72] FELL, BARRY M., US
[72] DILLON, PETER W., US
[72] MACKAY, DONALD R., US
[72] HALUCK, RANDY S., US
[73] THE PENN STATE RESEARCH FOUNDATION, US
[73] FELL, BARRY M., US
[85] 2015-09-15
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[54] **SYSTEMS AND METHODS FOR A MULTI-MATERIAL EXTRUDED ZIPPER**
[54] **SYSTEMES ET PROCEDES POUR UNE FERMETURE A GLISSIERE EXTRUDEE A MATERIAUX MULTIPLES**
[72] MARTINSON, DANIEL J., US
[72] BRIGHTMAN, KENT HARRISON, US
[73] NITE IZE, INC., US
[85] 2015-09-17
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[54] **FRIED FOOD PRODUCTS HAVING REDUCED FAT CONTENT**
[54] **PRODUITS ALIMENTAIRES FRITS A FAIBLE CONTENU EN CORPS GRAS**
[72] ASHOURIAN, JAMSHID, US
[72] KEELER, LAURIE J., US
[72] SMITH, DURWARD A., US
[73] JIMMYASH LLC, US
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[54] **MATERIAU DENTAIRE DURCISSABLE**
[72] WILLNER, ALEXANDER, DE
[72] PLAUMANN, MANFRED THOMAS, DE
[73] VOCO GMBH, DE
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[54] **LADDER BOOT**
[54] **SABOT D'ECHELLE**
[72] THEVENOT, J., ADRIEN R., CA
[73] THEVENOT, J., ADRIEN R., CA
[86] (2910153)
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[54] **APPARATUS, SYSTEM, AND METHOD FOR DETECTING THE PRESENCE AND CONTROLLING THE OPERATION OF MOBILE DEVICES WITHIN A VEHICLE**
[54] **APPAREIL, SYSTEME ET PROCEDE DE DETECTION DE PRESENCE ET DE COMMANDE DE FONCTIONNEMENT DE DISPOSITIFS MOBILES DANS UN VEHICULE**
[72] HANNON, MARWAN, US
[73] HANNON, MARWAN, US
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[54] **SHEET HOLDER**
[54] **SUPPORT DE FEUILLES**
[72] CARON, JEAN, CA
[72] DES LAURIERS, ALEXANDRE, CA
[73] CARON, JEAN, CA
[73] DES LAURIERS, ALEXANDRE, CA
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[54] **SIGNAL ENCODING AND DECODING METHODS AND DEVICES**
[54] **METHODES ET DISPOSITIFS DE CODAGE ET DECODAGE DE SIGNAL**
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[72] HU, CHEN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **TEMPLATE-FIXED BETA-HAIRPIN PEPTIDOMIMETICS WITH PROTEASE INHIBITORY ACTIVITY**
[54] **PEPTIDOMIMETIQUES EN EPINGLE A CHEVEUX BETA FIXES SUR MATRICE, AYANT UNE ACTIVITE INHIBITRICE DES PROTEASES**
[72] DEMARCO, STEVEN J., CH
[72] MOEHLE, KERSTIN, CH
[72] HENZE, HEIKO, CH
[72] SELLIER, ODILE, CH
[72] JUNG, FRANCOISE, CH
[72] GOMBERT, FRANK, CH
[72] OBRECHT, DANIEL, CH
[72] LUDIN, CHRISTIAN, CH
[73] POLYPHOR LTD., CH
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[54] **MULTI-FUNCTION ROBOTIC DEVICE**
[54] **DISPOSITIF ROBOTIQUE MULTIFONCTION**
[72] AUGENBRAUN, JOE, US
[72] HIRSCHHORN, LINDA, US
[72] SHAH, PANKAJ, US
[72] DONALDSON, NICK, US
[72] JAYNE, WILLIAM, US
[72] GOMEZ, J. B., US
[72] PINZARRONE, JOSEPH, US
[72] ERMAKOV, VLADIMIR, US
[72] WOODWARD, MARK, US
[73] NEATO ROBOTICS, INC., US
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[51] **Int.Cl. G10L 19/008 (2013.01)**
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[54] **APPARATUS AND METHOD FOR DECODING AN ENCODED AUDIO SIGNAL TO OBTAIN MODIFIED OUTPUT SIGNALS**
[54] **APPAREIL ET PROCEDE POUR DECODER UN SIGNAL AUDIO CODE POUR OBTENIR DES SIGNAUX DE SORTIE MODIFIES**
[72] PAULUS, JOUNI, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] MURTAZA, ADRIAN, RO
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
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[51] **Int.Cl. E04B 2/88 (2006.01) E04F 13/07 (2006.01) E04F 13/075 (2006.01)**
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[54] **FACING SYSTEM**
[54] **SYSTEME DE FACADE**
[72] KIRK, MARTIN, GB
[73] KIRK, MARTIN, GB
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[87] (WO2015/019052)
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[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSFORMING AN IMAGE**
[54] **SYSTEMES ET PROCEDES POUR TRANSFORMER UNE IMAGE**
[72] RESTREPO, ALEX, US
[72] SYSTROM, KEVIN, US
[73] FACEBOOK, INC., US
[85] 2016-01-28
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[54] **NACELLE DE TRAVAIL**
[72] HORA, CHRISTIAN, AT
[73] PALFINGER AG, AT
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[86] 2014-07-22 (PCT/AT2014/000147)
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[54] **BATTERY CLAMP CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE PINCE DE BATTERIE**
[72] MANKA, DAVID, US
[73] SNAP-ON INCORPORATED, US
[86] (2920212)
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[54] **SIDE CHANNEL LIQUID RING PUMP AND IMPELLER FOR SIDE CHANNEL LIQUID RING PUMP**
[54] **POMPE A ANNEAU LIQUIDE A CONDUIT LATERAL ET ROTOR POUR POMPE A ANNEAU LIQUIDE A CONDUIT LATERAL**
[72] MUELLER, AUSTIN WADE, US
[73] WOODWARD, INC., US
[85] 2016-02-02
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[54] **MAPPING RESISTIVITY DISTRIBUTION WITHIN THE EARTH**
[54] **CARTOGRAPHIE DE REPARTITION DE RESISTIVITE DANS LA TERRE**
[72] MARSALA, ALBERTO, SA
[72] HIBBS, ANDREW DENNIS, US
[72] PETROV, TODOR, US
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] GROUNDMETRICS, INC., US
[85] 2016-02-18
[86] 2014-08-04 (PCT/US2014/049527)
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[30] US (14/013,579) 2013-08-29

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[51] **Int.Cl. H02J 3/14 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A POWER CONSUMPTION OF A GROUP OF A PLURALITY OF WIND TURBINES**
[54] **PROCEDE DE COMMANDE D'UNE CONSOMMATION DE PUISSANCE D'UN GROUPE DE PLUSIEURS EOLIENNES**
[72] GIERTZ, HELGE, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[54] **PARTICULES D'ENCRE SECHE RENFERMANT DU POLYESTER ET DES POLYMERES STYRENES ACRYLATES COMPORTANT UNE COQUILLE EN POLYESTER**
[72] LAWTON, DAVID J. W., CA
[72] VEREGIN, RICHARD P. N., CA
[72] SACRIPANTE, GUERINO G., CA
[72] DAVIS, MELANIE LYNN, CA
[72] ZWARTZ, EDWARD G., CA
[73] XEROX CORPORATION, US
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[87] (2923261)
[22] 2016-03-07
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[25] EN
[54] **BREAKFAST BISCUIT WITH SLOWLY AVAILABLE GLUCOSE**
[54] **BISCUIT POUR LE PETIT DEJEUNER CONTENANT DU GLUCOSE LENTEMENT ASSIMILABLE**
[72] OKONIEWSKA, MONIKA, US
[72] MOREIRA DE ALMEIDA, ISABEL, FR
[72] CLEMENT, JEROME, FR
[72] ARLOTTI, AGATHE, FR
[72] LANVIN, LIONEL, FR
[72] CESBRON-LAVAU, GAUTIER, FR
[73] GENERALE BISCUIT, FR
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[51] **Int.Cl. B01L 3/00 (2006.01)**
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[54] **FLUIDIC MODULE, DEVICE AND METHOD FOR ALIQUOTING A LIQUID**
[54] **MODULE FLUIDIQUE, DISPOSITIF ET PROCEDE DE FRACTIONNEMENT ALIQUOTE D'UN LIQUIDE**
[72] SCHWEMMER, FRANK, DE
[72] ZEHNLE, STEFFEN, DE
[72] PAUST, NILS, DE
[72] KOSSE, PIERRE DOMINIQUE, DE
[72] MARK, DANIEL, DE
[73] HAHN-SCHICKARD-GESELLSCHAFT FUER ANGEWANDTE FORSCHUNG E.V., DE
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[86] 2014-09-19 (PCT/EP2014/070018)
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[30] DE (10 2013 219 929.5) 2013-10-01

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[51] **Int.Cl. H02J 3/38 (2006.01) F03D 9/00 (2016.01)**
[25] EN
[54] **METHOD FOR OPERATING A WIND TURBINE**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE EOLIENNE**
[72] GIERTZ, HELGE, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2016-04-07
[86] 2014-09-26 (PCT/EP2014/070683)
[87] (WO2015/067408)
[30] DE (10 2013 222 452.4) 2013-11-05

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[51] **Int.Cl. H01F 1/00 (2006.01) C08F 257/02 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR PRODUCING MAGNETIC MONODISPERSE POLYMER PARTICLES**
[54] **PROCEDE AMELIORE DE PRODUCTION DE PARTICULES DE POLYMERE UNIFORME MAGNETIQUES**
[72] SEIDEL, CHRISTOPH, DE
[72] BOLLE, JENS CHRISTIAN, DE
[72] RECKLIES, SANDRA, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-04-08
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[87] (WO2015/082540)
[30] EP (13195723.5) 2013-12-04

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[51] **Int.Cl. F03D 13/10 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REPLACING A SINGLE WIND TURBINE BLADE**
[54] **METHODE ET SYSTEME DE REMPLACEMENT D'UNE SEULE PALE D'EOLIENNE**
[72] NEUMANN, ULRICH WERNER, US
[72] COSTAIN, KEVIN THOMAS, US
[72] HACH, FORREST CHRISTOPHER, US
[72] JOHNSON, MICHAEL ROYCE, US
[72] PFEIFFER, GAYLON MITCHELL, US
[72] REDD, RODNEY ROBERT, II, US
[72] WILLMAN, STEPHANIE LOHBERG, US
[73] GENERAL ELECTRIC COMPANY, US
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[22] 2016-04-14
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[51] **Int.Cl. G09B 19/24 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR A WELD TRAINING SYSTEM**
[54] **SYSTEMES ET PROCEDES DESTINES A UN SYSTEME D'APPRENTISSAGE DU SOUDAGE**
[72] SALSICH, ANTHONY VAN BERGEN, US
[72] BECKER, WILLIAM JOSHUA, US
[72] ALBRECHT, BRUCE PATRICK, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-04-12
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[30] US (61/911,321) 2013-12-03
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[51] **Int.Cl. H04W 76/14 (2018.01) G06K 7/10 (2006.01) H04B 1/59 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED DEVICE PAIRING**
[54] **SYSTEMES ET METHODES DE JUMELAGE AUTOMATISE DE DISPOSITIF**
[72] TROY, JAMES J., US
[72] ESPOSITO, CHRISTOPHER, US
[72] KARAKUSEVIC, VLADIMIR, US
[73] THE BOEING COMPANY, US
[86] (2928174)
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[72] BRUNO, MICHAEL H., US
[72] BOURQUE, STEVEN M., US
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[72] STURDIVANT, JILL MARIE, US
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[54] **DIAMANT POLYCRISTALLIN THERMIQUEMENT STABLE COMPRENANT UN JOINT DE FIXATION AMELIORE**
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[54] **METHODES ET SYSTEMES DE PRODUCTION D'HYDROCARBURES LIQUIDES**
[72] KEUSENKOTHEN, PAUL F., US
[72] BARCKHOLTZ, TIMOTHY A., US
[72] CULLINANE, J. TIM, US
[72] DENTON, ROBERT D., US
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[72] ASTROM, ANDERS, SG
[72] SCHIOPU, VITALIE, LU
[72] KHALAFI, HAKIM, NL
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[54] **SYSTEMES ET PROCEDES CHIRURGICAUX DE VITRECTOMIE AVEC DETECTION DE TISSU**
[72] HEEREN, TAMMO, US
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[72] POGDE, SHWETA, US
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[54] **SYSTEME DE COMMUNICATION BIDIRECTIONNEL PERMETTANT DE SUIVRE LES POSITIONS ET LES ETATS DE VEHICULES A ROUES**
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[54] **UTILISATION DE ROUGE D'OXYDE DE FER MAGNETIQUE DANS LA CATALYSE ET L'OXYDATION DU METHANETHIOL ET PROCEDES DE PREPARATION ET D'APPLICATION CORRESPONDANTS**
[72] SONG, WENWEN, CN
[72] LI, LIYING, CN
[72] MAO, WENJUN, CN
[72] ZHANG, ZHIMIN, CN
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[73] THALES DEUTSCHLAND GMBH, DE
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[54] **METHODES ET DISPOSITIFS DE FABRICATION ADDITIVE**
[72] HOLVERSON, TODD EARL, US
[72] HSU, CHRISTOPHER, US
[73] ILLINOIS TOOL WORKS INC., US
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[72] SNIDER, PHILIP M., US
[72] WESSON, DAVID S., US
[73] GEODYNAMICS, INC., US
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[54] **SYSTEME DE DISTRIBUTION ET DE PARTAGE DE GAZ RESPIRATOIRE ET PROCEDE**
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[72] DOWHY, MARK S., US
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[72] BUSH, STEPHAN GARY, US
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[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
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[54] **COMMUNICATION SUR UNE FIBRE MULTIMODE ET A MODE UNIQUE**
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[72] KING, JONATHAN P., US
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[54] **TRAITEMENT DES FLUX DE TRAFIC DANS UN SYSTEME DE COMMUNICATION**
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[72] GARNEIJ, FREDRIK, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **ENCEINTE D'ISOLATION COMPORTANT UNE MASSE THERMIQUE**
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[72] COOK, GRANT O., III, US
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[54] **PROCESSUS DE RECUPERATION AMELIORE DU GAZ NATUREL SOUS FORME LIQUIDE**
[72] PRIM, ERIC, US
[72] BAKER, NAOMI, US
[72] GARIKIPATI, JHANSI, US
[73] PILOT ENERGY SOLUTIONS, LLC, US
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[54] **PROCEDE POUR AUGMENTER LA SOLUBILITE D'UNE COMPOSITION D'INHIBITEUR DE TRANSCRIPTASE**
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[72] STIEGER, NICOLE, ZA
[73] NORTH-WEST UNIVERSITY, ZA
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[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **PROCEDE DE MESURE ET DE SURVEILLANCE DE CONDUCTIVITE IN SITU DANS DES SYSTEMES AQUEUX A HAUTE TEMPERATURE**
[72] KREMER, LAWRENCE N., US
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[72] FULMER, DAVID N., US
[72] RUMPF, REGIS R., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **APPAREIL ADAPTATEUR DE ROTISSOIRE DESTINE A ETRE UTILISE AVEC UN DISPOSITIF DE CUISSON**
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[72] BERTASSI, GARY F., US
[73] KAMADO CONCEPTS, LLC, US
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[54] **DERIVES D'IMIDAZOPYRIDAZINE UTILISES COMME MODULATEURS DE L'ACTIVITE DES RECEPTEURS GABAA**
[72] OWEN, ROBERT MCKENZIE, GB
[72] PRYDE, DAVID CAMERON, GB
[72] TAKEUCHI, MIFUNE, GB
[72] WATSON, CHRISTINE ANNE LOUISE, GB
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[72] BHIMAVARAPU, KRISHNA SANDEEP, US
[72] DESAULNIERS, ANNIE, US
[72] HAYES, MICHAEL JOSEPH, US
[73] STRYKER CORPORATION, US
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[25] EN
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[54] **DECODEUR ET PROCEDE DE DECODAGE DE SIGNAL AUDIO, CODEUR ET PROCEDE DE CODAGE DE SIGNAL AUDIO**
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[72] LAITINEN, MIKKO-VILLE, FI
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[30] EP (15151463.5) 2015-01-16

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[25] EN
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[54] **OPERATION LIEE A BANDE ETROITE POUR UNE COMMUNICATION DE TYPE MACHINE (MTC)**
[72] XU, HAO, US
[72] MALLADI, DURGA PRASAD, US
[72] WEI, YONGBIN, US
[72] GAAL, PETER, US
[72] CHEN, WANSHI, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
[72] GRIOT, MIGUEL, US
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[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR LIMITING TRAVEL DISTANCE OF A HEAT SINK**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR LIMITER LA DISTANCE DE DEPLACEMENT D'UN DISSIPATEUR THERMIQUE**
[72] LAPALME, JEROME A., US
[72] ROBERTS, WILLIAM T., US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2017-01-09
[86] 2015-07-28 (PCT/US2015/042405)
[87] (WO2016/018882)
[30] US (14/446,138) 2014-07-29

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[51] **Int.Cl. B23K 9/095 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF MONITORING A WELDING ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN ENVIRONNEMENT DE SOUDAGE**
[72] BECKER, WILLIAM JOSHUA, US
[72] BEESON, RICHARD W., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-01-11
[86] 2015-08-03 (PCT/US2015/043370)
[87] (WO2016/022452)
[30] US (62/034,648) 2014-08-07
[30] US (14/808,858) 2015-07-24

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[51] **Int.Cl. E21B 47/06 (2012.01) G01V 8/02 (2006.01) G01V 8/16 (2006.01)**
[25] EN
[54] **DISTRIBUTED SENSING SYSTEMS AND METHODS WITH I/Q DATA BALANCING BASED ON ELLIPSE FITTING**
[54] **SYSTEMES ET PROCEDES DE DETECTION DISTRIBUEE AYANT UN EQUILIBRAGE DE DONNEES I/Q EN FONCTION D'UN AJUSTEMENT D'ELLIPSE**
[72] ELLMAUTHALER, ANDREAS, US
[72] NUNES, LEONARDO DE OLIVEIRA, US
[72] BARFOOT, DAVID ANDREW, US
[72] STOKELY, CHRISTOPHER LEE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-11
[86] 2014-07-30 (PCT/US2014/048798)
[87] (WO2016/018280)

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[51] **Int.Cl. E05B 63/14 (2006.01)**
[25] EN
[54] **MULTI-POINT EXIT DEVICE**
[54] **DISPOSITIF DE SORTIE MULTIPOINTS**
[72] KONDI, SUSHANTH ANAND RAO, IN
[72] ALI, MOHAMMED MAKSOOD, IN
[72] PUTASWAMY, KEMPARAJU, IN
[72] COLEMAN, MICHAEL D., US
[72] GRAHAM, MATTHEW S., US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-01-25
[86] 2015-07-06 (PCT/US2015/039196)
[87] (WO2016/004426)
[30] US (62/020,785) 2014-07-03

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[51] **Int.Cl. B65D 33/00 (2006.01)**
[25] EN
[54] **PORTABLE CARRIER FOR REUSABLE GROCERY-STYLE BAGS**
[54] **SUPPORT PORTATIF POUR SACS DE COURSE REUTILISABLES**
[72] JAMES, GREGORY, US
[72] CHADWELL, SCOTT, US
[73] BALANCED EARTH SOLUTIONS, LLC, US
[85] 2017-01-26
[86] 2014-08-10 (PCT/US2014/050459)
[87] (WO2015/034626)
[30] US (14/018,407) 2013-09-04

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[13] C
[51] **Int.Cl. B23P 23/04 (2006.01)**
[25] EN
[54] **HYBRID COMPUTER NUMERICAL CONTROL MACHINING CENTER AND MACHINING METHOD THEREOF**
[54] **CENTRE D'USINAGE A COMMANDE NUMERIQUE INFORMATIQUE HYBRIDE ET METHODE D'USINAGE ASSOCIEE**
[72] CHEN, HSINPAO, CN
[72] KAO, HUAIEN, CN
[72] LIU, ZONGSHIN, CN
[72] TSAI, TSUNGHSIEN, CN
[72] CHEN, TINGCHANG, CN
[72] YEN, JUIHSIUNG, CN
[73] TONGTAI MACHINE & TOOL CO., LTD., CN
[85] 2017-01-31
[86] 2015-03-17 (PCT/CN2015/074365)
[87] (WO2016/138676)
[30] CN (201510092502.6) 2015-03-02

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[51] **Int.Cl. E05B 15/14 (2006.01)**
[25] EN
[54] **WEATHER RESISTANT LOCK**
[54] **VERROU RESISTANT AUX INTEMPERIES**
[72] SABELLI, TONINO, CA
[72] MCLEOD, JOHN, CA
[73] 2603701 ONTARIO INC., CA
[86] (2957508)
[87] (2957508)
[22] 2017-02-09
[30] CA (2,920,469) 2016-02-09

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[51] **Int.Cl. B29C 64/205 (2017.01) B33Y 40/00 (2015.01) B29C 64/153 (2017.01) B29C 64/165 (2017.01) B29C 64/194 (2017.01) B29C 67/00 (2017.01)**
[25] EN
[54] **COATING ARRANGEMENT FOR A 3D PRINTER AND METHOD FOR APPLYING TWO LAYERS OF PARTICULATE CONSTRUCTION MATERIAL**
[54] **ARRANGEMENT DE REVETEMENT D'UNE IMPRIMANTE 3D ET METHODE D'APPLICATION DE DEUX COUCHES DE MATERIAU DE CONSTRUCTION PARTICULAIRE**
[72] HOECHSMANN, RAINER, DE
[72] MUELLER, ALEXANDER, DE
[72] KLAUA, SVEN, DE
[73] EXONE GMBH, DE
[85] 2017-02-08
[86] 2015-08-25 (PCT/EP2015/069448)
[87] (WO2016/030375)
[30] DE (10 2014 112 469.3) 2014-08-29

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[51] **Int.Cl. G06F 11/263 (2006.01)**
[25] EN
[54] **TESTING INSECURE COMPUTING ENVIRONMENTS USING RANDOM DATA SETS GENERATED FROM CHARACTERIZATIONS OF REAL DATA SETS**
[54] **TESTS D'ENVIRONNEMENTS INFORMATIQUES NON SECURISES A L'AIDE D'ENSEMBLES DE DONNEES ALEATOIRES GENERES A PARTIR DE CARACTERISATIONS D'ENSEMBLES DE DONNEES REELLES**
[72] DILLARD, COLIN R., US
[73] INTUIT INC., US
[85] 2017-02-08
[86] 2015-02-05 (PCT/US2015/014644)
[87] (WO2016/076906)
[30] US (14/539,250) 2014-11-12

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[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/16 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HANDLING FRAUDULENT USES OF BRANDS**
[54] **SYSTEMES ET PROCEDES DE GESTION DES UTILISATIONS FRAUDULEUSES DES MARQUES**
[72] NACHENBERG, CAREY, US
[73] SYMANTEC CORPORATION, US
[85] 2017-02-20
[86] 2015-08-14 (PCT/US2015/045243)
[87] (WO2016/032771)
[30] US (14/469,571) 2014-08-26

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[51] **Int.Cl. F24S 90/00 (2018.01) F24S 10/20 (2018.01) F24S 10/30 (2018.01) F24S 10/80 (2018.01)**
[25] EN
[54] **SOLAR HEAT COLLECTION ADSORPTION COMPOSITE TUBE AND SYSTEM COMPRISING THE SAME**
[54] **TUBE COMPOSITE A ADSORPTION POUR COLLECTE DE CHALEUR SOLAIRE ET SYSTEME COMPRENANT CE DERNIER**
[72] CHEN, YILONG, CN
[72] HU, SHUCHUAN, CN
[72] ZHANG, YANFENG, CN
[73] ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO., LTD., CN
[85] 2017-02-22
[86] 2015-06-30 (PCT/CN2015/082787)
[87] (WO2016/026352)
[30] CN (201410419864.7) 2014-08-22

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[13] C
[51] **Int.Cl. C02F 1/00 (2006.01)**
[25] EN
[54] **SUBMERGED CLARIFIER LAUNDER**
[54] **LESSIVEUR-CLARIFICATEUR SUBMERGE**
[72] VORWALLER, JOHN, US
[72] HEIMDAL, TOR, US
[72] CLARK, RYAN, US
[72] KLINE, TODD, US
[72] PETRONE, RALPH, US
[72] HUGO, BRUCE, US
[72] BEAMAN, TYSON, US
[72] PETERS, ROGER, US
[73] OVIVO INC., CA
[86] (2960049)
[87] (2960049)
[22] 2017-03-06
[30] US (15/063,397) 2016-03-07

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[51] **Int.Cl. E06B 11/02 (2006.01) E06B 9/00 (2006.01)**
[25] EN
[54] **MESH BARRIER ASSEMBLY**
[54] **ENSEMBLE BARRIERE-FILET**
[72] BIRKERT, THOMAS E., US
[72] CHAN, SUNG YUN, US
[72] FANG, RUTH HSIN-JU, US
[72] TRUMBO, NICHOLAS, US
[73] MUNCHKIN, INC., US
[85] 2017-03-03
[86] 2015-09-04 (PCT/US2015/048599)
[87] (WO2016/037088)
[30] US (62/046,851) 2014-09-05
[30] US (14/818,017) 2015-08-04

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[13] C
[51] **Int.Cl. A61M 1/36 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **APPARATUS FOR EXTRACORPOREAL TREATMENT OF BLOOD AND METHOD OF CONTROL OF A BLOOD-WARMING DEVICE IN AN EXTRACORPOREAL BLOOD TREATMENT APPARATUS.**
[54] **APPAREIL DE TRAITEMENT EXTRACORPOREL DE SANG, ET PROCEDE DE COMMANDE DE DISPOSITIF DE RECHAUFFEMENT DE SANG DANS UN APPAREIL DE TRAITEMENT DE SANG EXTRACORPOREL.**
[72] POUCHOULIN, DOMINIQUE, FR
[73] GAMBRO LUNDIA AB, SE
[85] 2017-03-06
[86] 2015-08-26 (PCT/EP2015/069497)
[87] (WO2016/041745)
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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X85K001**
[54] **MAIS HYBRIDE X85K001**
[72] SCOTT, LORI KARYN, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961379)
[87] (2961379)
[22] 2017-03-21
[30] US (15/447,560) 2017-03-02

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[13] C
[51] **Int.Cl. B23K 9/29 (2006.01) B23K 1/008 (2006.01)**
[25] EN
[54] **VACUUM INSULATED WELDING TORCH**
[54] **CHALUMEAU DE SOUDAGE ISOLE SOUS VIDE**
[72] HOEGER, MICHAEL VINCENT, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-04-04
[86] 2015-10-10 (PCT/US2015/055036)
[87] (WO2016/081091)
[30] US (14/543,518) 2014-11-17

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[13] C
[51] **Int.Cl. C08L 9/02 (2006.01) C08J 3/24 (2006.01) C08K 5/17 (2006.01)**
[25] EN
[54] **CROSS-LINKABLE NITRILE RUBBER COMPOSITION AND CROSS-LINKED RUBBER**
[54] **COMPOSITION RETICULABLE DE CAOUTCHOUC DE NITRILE ET PRODUIT RETICULE DE CAOUTCHOUC**
[72] SUGAWARA, SHINSUKE, JP
[72] KATANO, CHIKARA, JP
[73] ZEON CORPORATION, JP
[85] 2017-04-13
[86] 2015-08-05 (PCT/JP2015/072230)
[87] (WO2016/059855)
[30] JP (2014-212365) 2014-10-17

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[13] C
[51] **Int.Cl. A47J 45/07 (2006.01)**
[25] FR
[54] **EAR-SHAPED REMOVABLE GRASPING DEVICE FOR HANDLE, FOR A KITCHEN UTENSIL**
[54] **DISPOSITIF DE PREHENSION AMOVIBLE POUR ANSE, EN FORME D'OREILLE, D'USTENSILE DE CUISINE**
[72] DODANE, PAUL, FR
[72] DROUVILLE, PASCAL, FR
[73] CRISTEL, FR
[86] (2966441)
[87] (2966441)
[22] 2017-05-10
[30] FR (1654846) 2016-05-30
[30] FR (1656945) 2016-07-21

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[13] C
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **AEROSOL PROVISION SYSTEMS**
[54] **SYSTEMES D'APPORT D'AEROSOL**
[72] BUCHBERGER, HELMUT, AT
[72] LEADLEY, DAVID, GB
[73] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2017-05-04
[86] 2015-11-13 (PCT/GB2015/053445)
[87] (WO2016/092261)
[30] GB (1422018.0) 2014-12-11

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[13] C
[51] **Int.Cl. F25J 3/08 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **HEAT EXCHANGE MECHANISM FOR REMOVING CONTAMINANTS FROM A HYDROCARBON VAPOR STREAM**
[54] **MECANISME D'ECHANGE DE CHALEUR POUR SUPPRESSION DE CONTAMINANTS CONTENUS DANS UN FLUX DE VAPEUR D'HYDROCARBURES**
[72] URBANSKI, NICHOLAS F., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-05-05
[86] 2015-09-09 (PCT/US2015/049107)
[87] (WO2016/081051)
[30] US (62/080,450) 2014-11-17

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[51] **Int.Cl. G01S 13/74 (2006.01) H04W 4/80 (2018.01) G01P 13/00 (2006.01)**
[25] EN
[54] **MOTION-CONTROLLED ARRANGEMENT FOR, AND METHOD OF, LOCATING TARGETS WITH IMPROVED PERFORMANCE IN A VENUE**
[54] **DISPOSITION CONTROLEE PAR LE MOUVEMENT DESTINE A SITUER DES CIBLES, ET METHODE ASSOCIEE, OFFRANT UNE PERFORMANCE AMELIOREE SUR UN LIEU**
[72] LAURIA, CHARLES G., US
[72] LAVERY, RICHARD J., US
[72] CALVARESE, RUSSELL, US
[73] SYMBOL TECHNOLOGIES, LLC, US
[86] (2968126)
[87] (2968126)
[22] 2017-05-24
[30] US (15/163862) 2016-05-25

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[51] **Int.Cl. A01J 27/04 (2006.01) B26D 1/15 (2006.01) B26D 7/18 (2006.01)**
[25] EN
[54] **LONGITUDINAL CUTTING OF A BAND OF A SOFT FOOD MASS**
[54] **COUPES LONGITUDINALES D'UNE BANDE DE MASSE DE MATIERE ALIMENTAIRE MOLLE**
[72] ERD, ANDREAS, DE
[72] BIGGEL, ANDREAS, DE
[72] STADELMANN, FRANZ, DE
[73] HOCHLAND SE, DE
[85] 2017-05-29
[86] 2015-12-03 (PCT/EP2015/078489)
[87] (WO2016/087571)
[30] DE (10 2014 117 848.3) 2014-12-04

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[13] C
[51] **Int.Cl. F16J 1/12 (2006.01) B60T 11/18 (2006.01) B60T 17/22 (2006.01)**
[25] EN
[54] **IMPROVED BRAKE PISTON ASSEMBLY**
[54] **ENSEMBLE PISTON DE FREIN AMELIORE**
[72] WRIGHT, ERIC C., US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2017-06-02
[86] 2014-12-03 (PCT/US2014/068380)
[87] (WO2016/089392)

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[51] **Int.Cl. A41C 3/04 (2006.01) A41D 1/215 (2018.01) A41C 3/12 (2006.01) A41D 1/22 (2018.01)**
[25] EN
[54] **BRA ADAPTER FOR CONVERTING A STANDARD BRA INTO A NURSING BRA**
[54] **ADAPTATEUR DE SOUTIEN-GORGE SERVANT A CONVERTIR UN SOUTIEN-GORGE STANDARD EN SOUTIEN-GORGE D'ALLAITEMENT**
[72] VANOS, ROBILYN E., CA
[73] VANOS, ROBILYN E., CA
[86] (2970025)
[87] (2970025)
[22] 2017-06-12

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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **IMPROVEMENT IN OR RELATING TO CAPSULES**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A DES CAPSULES**
[72] HANSEN, NICHOLAS, GB
[72] NORTON, MARK, GB
[73] KRAFT FOODS R&D, INC., US
[86] (2970346)
[87] (2970346)
[22] 2013-10-16
[62] 2,888,129
[30] GB (1218848.8) 2012-10-19

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[51] **Int.Cl. B25F 5/00 (2006.01) B25B 21/00 (2006.01) B25B 23/00 (2006.01) B25B 29/00 (2006.01)**
[25] EN
[54] **BIT AND FASTENER HOLDER ASSEMBLY FOR A POWER TOOL**
[54] **ENSEMBLE DE MECHE ET DE SUPPORT DE FIXATION DESTINE A UN OUTIL ELECTRIQUE**
[72] CHO, IN SONG, CA
[73] CHO, IN SONG, CA
[86] (2970486)
[87] (2970486)
[22] 2017-06-14

[11] **2,971,073**
[13] C
[51] **Int.Cl. F28F 21/08 (2006.01) C10G 9/20 (2006.01) C22C 19/05 (2006.01) C22C 30/00 (2006.01) C22C 38/40 (2006.01) C23C 30/00 (2006.01) C23F 14/00 (2006.01) F16L 9/02 (2006.01) F22B 37/04 (2006.01) F22B 37/10 (2006.01) F28F 1/00 (2006.01) B01F 5/06 (2006.01)**
[25] EN
[54] **PYROLYSIS FURNACE TUBES**
[54] **TUBES DE FOUR DE PYROLYSE**
[72] SPICER, DAVID B., US
[72] CHUN, CHANGMIN, US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2017-06-13
[86] 2015-11-16 (PCT/US2015/060929)
[87] (WO2016/099740)
[30] US (62/092,616) 2014-12-16
[30] EP (15248030.7) 2015-04-03

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[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **HAND-LINE HOOK**
[54] **CROCHET DE CABLE-GUIDE**
[72] CANFIELD, DEFOREST, US
[73] BUCKINGHAM MANUFACTURING CO., INC., US
[86] (2972184)
[87] (2972184)
[22] 2017-06-29
[30] US (62/356,142) 2016-06-29

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[13] C
[51] **Int.Cl. C07C 51/245 (2006.01)**
[25] EN
[54] **PRODUCTION OF ADIPIC ACID AND DERIVATIVES FROM CARBOHYDRATE-CONTAINING MATERIALS**
[54] **PRODUCTION D'ACIDE ADIPIQUE ET DERIVES DE MATIERES RENFERMANT DES HYDRATES DE CARBONE**
[72] BOUSSIE, THOMAS R., US
[72] DIAS, ERIC L., US
[72] FRESCO, ZACHARY M., US
[72] MURPHY, VINCENT J., US
[72] SHOEMAKER, JAMES, US
[72] ARCHER, RAYMOND, US
[72] JIANG, HONG, US
[73] ARCHER-DANIELS-MIDLAND COMPANY, US
[86] (2972497)
[87] (2972497)
[22] 2010-06-11
[62] 2,764,116
[30] US (61/268414) 2009-06-13
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[51] **Int.Cl. C07C 51/235 (2006.01) C07C 59/285 (2006.01)**
[25] EN
[54] **PRODUCTION OF GLUTARIC ACID AND DERIVATIVES FROM CARBOHYDRATE-CONTAINING MATERIALS**
[54] **PRODUCTION D'ACIDE GLUTARIQUE ET DE DERIVES A PARTIR DE MATIERES CONTENANT DES GLUCIDES**
[72] BOUSSIE, THOMAS R., US
[72] DIAS, ERIC L., US
[72] FRESCO, ZACHARY M., US
[72] MURPHY, VINCENT J., US
[73] ARCHER-DANIELS-MIDLAND COMPANY, US
[86] (2972533)
[87] (2972533)
[22] 2010-06-11
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[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/4545 (2006.01) A61P 11/06 (2006.01)**
[25] EN
[54] **POLYMORPHIC FORMS OF (S)-3-(3(1-METHYL-2-OXO-5-(PYRAZOLO[1,5-A]PYRIDINE-3(2H)-YL)PIPERIDIN-1-YL)-3-OXOPROPANENITRILE**
[54] **NOUVEAUX POLYMORPHES**
[72] MUNRO, ALEXANDER, GB
[73] VECTURA LIMITED, GB
[85] 2017-07-04
[86] 2016-01-27 (PCT/EP2016/051691)
[87] (WO2016/124464)
[30] EP (15153961.6) 2015-02-05

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[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 11/02 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **NOVEL SALT OF FUSED PYRIMIDINE COMPOUND AND CRYSTAL THEREOF**
[54] **NOUVEAU SEL DE COMPOSE DE PYRIMIDINE CONDENSE, ET CRISTAUX DE CELUI-CI**
[72] OSHIUMI, HIROMI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2017-07-19
[86] 2016-01-29 (PCT/JP2016/052733)
[87] (WO2016/121954)
[30] JP (2015-017387) 2015-01-30

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[13] C
[51] **Int.Cl. B64C 29/00 (2006.01) B64C 3/32 (2006.01) B64C 7/00 (2006.01) B64C 15/02 (2006.01) B64C 39/08 (2006.01) B64D 27/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DIRECTING THRUST FROM TILTING CROSS-FLOW FAN WINGS ON AN AIRCRAFT**
[54] **APPAREIL ET METHODE D'ORIENTATION DE POUSSEE D'AILES DE VENTILATEUR A FLUX CROISE SUR UN AERONEF**
[72] GRONINGA, KIRK L., US
[72] ROBERTSON, DANIEL B., US
[72] LOUIS, MATTHEW E., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2976079)
[87] (2976079)
[22] 2017-08-09
[30] US (15/483,602) 2017-04-10
[30] US (15/252,916) 2016-08-31
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[54] **CRISPR-BASED GENOME MODIFICATION AND REGULATION**
[54] **MODIFICATION ET REGULATION DU GENOME BASEES SUR CRISPR**
[72] CHEN, FUQIANG, US
[72] DAVIS, GREGORY D., US
[73] SIGMA-ALDRICH CO. LLC, US
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[25] EN
[54] **STEEL MATERIAL FOR COMPOSITE PRESSURE VESSEL LINER, STEEL PIPE OR TUBE FOR COMPOSITE PRESSURE VESSEL LINER, AND METHOD OF MANUFACTURING STEEL PIPE OR TUBE FOR COMPOSITE PRESSURE VESSEL LINER**
[54] **MATERIAU D'ACIER POUR REVETEMENT DE CUVE SOUS PRESSION COMPOSITE, TUBAGE EN ACIER POUR REVETEMENT DE CUVE SOUS PRESSION COMPOSITE, ET PROCEDE DE FABRICATION DE TUBAGE EN ACIER POUR REVETEMENT DE CUVE SOUS PRESSION COMPOSITE**
[72] TAKAGI, SHUSAKU, JP
[72] NAGAO, AKIHIDE, JP
[72] KIMURA, MITSUO, JP
[72] OKANO, HIROSHI, JP
[73] JFE STEEL CORPORATION, JP
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[54] **ACTIVATION AND ASSIGNING VALUE TO GIFT CARDS USING RFID**
[54] **ACTIVATION ET ATTRIBUTION DE VALEUR A DES CARTES-CADEAUX AU MOYEN DE RFID**
[72] MARSH, ALLISON, US
[73] AMERICAN GREETINGS CORPORATION, US
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[54] **T-SLOT CUTTER**
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[72] OSAWA, JIRO, JP
[72] YODA, TOMONORI, JP
[73] OSG CORPORATION, JP
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[54] **BLOC D'OBTURATION DE PUITS**
[72] ANGSTMANN, STEVEN ANTONY, KR
[72] GALLAGHER, BOBBY JAMES, KR
[73] KINETIC PRESSURE CONTROL LIMITED, US
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[25] EN
[54] **HELIUM RECOVERY FROM STREAMS CONTAINING HELIUM, CARBON DIOXIDE, AND AT LEAST ONE OF NITROGEN AND METHANE**
[54] **RECUPERATION D'HELIUM A PARTIR DE FLUX RENFERMANT DE L'HELIUM, DU DIOXYDE DE CARBONE ET AU MOINS UN DE L'AZOTE ET DU METHANE**
[72] PLOEGER, JASON MICHAEL, US
[72] CAO, JIN, US
[72] HIGGINBOTHAM, PAUL, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2984085)
[87] (2984085)
[22] 2017-10-27
[30] US (15/340,541) 2016-11-01

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[51] **Int.Cl. B65D 85/24 (2006.01) B21J 15/38 (2006.01) F16B 15/08 (2006.01) F16B 19/08 (2006.01)**
[25] EN
[54] **RIVET COLLATING SYSTEM INCLUDING RIVET HOLDER AND METHOD OF FORMING THE SAME**
[54] **SYSTEME DE RASSEMBLEMENT DE RIVET COMPORTANT UN SUPPORT DE RIVET ET METHODE DE FORMATION ASSOCIEENT**
[72] VOGRIG, JOSEPH, US
[72] MUSIL, EDWARD C., US
[73] FLEXIBLE STEEL LACING COMPANY, US
[86] (2986332)
[87] (2986332)
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[25] EN
[54] **BEVERAGE DISPENSING APPARATUS WITH SMARTCUP TAG IDENTIFICATION AND VERIFICATION**
[54] **APPAREIL DE DISTRIBUTION DE BOISSONS AVEC IDENTIFICATION ET VERIFICATION D'ETIQUETTE DE TASSE INTELLIGENTE**
[72] MARTINDALE, WILLIAM RUSSELL, US
[72] LA GLORIA, NICOLA, US
[73] AUTOMATIC BAR CONTROLS, INC., US
[85] 2017-11-22
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[54] **RJ45 CONNECTOR**
[54] **CONNECTEUR RJ45**
[72] SEO, SUMIO, US
[72] RAY, JOHN MICHAEL, US
[72] STIKELEATHER, DERRICK F., US
[72] TIMMINS, IAN J., US
[72] UHLAND, NICHOLAS, US
[73] OPTICAL CABLE CORPORATION, US
[85] 2017-11-28
[86] 2016-05-27 (PCT/US2016/034721)
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[25] EN
[54] **GROUND FAULT IMMUNE SENSOR POWER SUPPLY FOR DOWNHOLE SENSORS**
[54] **ALIMENTATION ELECTRIQUE DE CAPTEUR RESISTANT AU DEFAUTS DE MISE A LA TERRE POUR DES CAPTEURS DE FOND DE TROU**
[72] ALAAS, YUSEF, US
[72] GUPTA, SUDHIR KUMAR, US
[72] ALMUHANA, ARAM SHIHAB KHALEEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-12-04
[86] 2015-07-17 (PCT/US2015/041016)
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[51] **Int.Cl. C07C 51/12 (2006.01) C07C 51/47 (2006.01) C07C 53/08 (2006.01)**
[25] EN
[54] **SILVER LOADED HALIDE REMOVAL RESINS FOR TREATING HALIDE CONTAINING SOLUTIONS**
[54] **RESINES D'ELIMINATION D'HALOGENURES CHARGEES D'ARGENT POUR LE TRAITEMENT DE SOLUTIONS CONTENANT DES HALOGENURES**
[72] RAMAGE, DAVID L., US
[72] HALLINAN, NOEL C., US
[72] WHITE, DANIEL F., US
[73] LYONDELLBASELL ACETYLS, LLC, US
[85] 2017-12-21
[86] 2016-06-22 (PCT/US2016/038717)
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[51] **Int.Cl. B01D 53/047 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **METHODS OF REMOVING CONTAMINANTS FROM A HYDROCARBON STREAM BY SWING ADSORPTION AND RELATED APPARATUS AND SYSTEMS**
[54] **PROCEDE D'ELIMINATION DE CONTAMINANTS D'UN COURANT D'HYDROCARBURES PAR ADSORPTION MODULEE EN PRESSION ET APPAREIL ET SYSTEMES ASSOCIES**
[72] DECKMAN, HARRY W., US
[72] JOHNSON, ROBERT A., US
[72] ANDERSON, THOMAS N., US
[72] KELLEY, BRUCE T., US
[72] RAVIKOVITCH, PETER I., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2990793)
[87] (2990793)
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[54] **DIP CARD READER**
[54] **LECTEUR DE CARTE A IMMERSION**
[72] ROTH, DOUG, US
[72] PETTITT, JAMES E., US
[72] RUSZIN, ANDREW, US
[73] DIEBOLD NIXDORF, INCORPORATED, US
[85] 2017-12-22
[86] 2016-07-07 (PCT/US2016/041336)
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[51] **Int.Cl. B60P 3/035 (2006.01) B60P 1/64 (2006.01) B60R 9/06 (2006.01)**
[25] EN
[54] **TECHNOLOGIES FOR LOADING, TRANSPORTING, AND UNLOADING OF LOADS**
[54] **TECHNOLOGIES DE CHARGEMENT, TRANSPORT ET DECHARGEMENT DE CHARGES**
[72] GRIMSLEY, TIMOTHY A., US
[73] DURA-LINE CORPORATION, US
[86] (2990938)
[87] (2990938)
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[51] **Int.Cl. H04N 19/139 (2014.01) H04N 19/107 (2014.01) H04N 19/109 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **MOVING IMAGE ENCODING DEVICE, MOVING IMAGE DECODING DEVICE, MOVING IMAGE CODING METHOD, AND MOVING IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE DYNAMIQUE D'IMAGE, DISPOSITIF DE DECODAGE DYNAMIQUE D'IMAGE, PROCEDE DE CODAGE DYNAMIQUE D'IMAGE ET PROCEDE DE DECODAGE DYNAMIQUE D'IMAGE**
[72] ITANI, YUSUKE, JP
[72] SEKIGUCHI, SHUNICHI, JP
[72] SUGIMOTO, KAZUO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2991166)
[87] (2991166)
[22] 2011-07-21
[62] 2,813,232
[30] JP (2010-221460) 2010-09-30
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[51] **Int.Cl. H02G 3/06 (2006.01)**
[25] EN
[54] **INTEGRATED PIPING CONDUIT WITH ADAPTOR DEVICE AND METHOD**
[54] **CONDUIT A TUYAUTERIE INTEGREE A DISPOSITIF D'ADAPTATEUR ET PROCEDE**
[72] CROMPTON, DAVID, US
[72] DIAS, LIBARDO, US
[73] QUICK FITTING, INC., US
[85] 2018-01-22
[86] 2015-07-23 (PCT/US2015/041701)
[87] (WO2016/014772)
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[51] **Int.Cl. G06F 9/46 (2006.01) G06F 15/16 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **APPLICATION LOGGING FRAMEWORK**
[54] **CADRICIEL DE JOURNALISATION D'APPLICATION**
[72] GEORGE, SANTHOSH PHILIP, US
[73] NASDAQ, INC., US
[85] 2018-01-30
[86] 2016-07-27 (PCT/US2016/044239)
[87] (WO2017/019761)
[30] IN (2345/DEL/2015) 2015-07-30
[30] US (15/220,047) 2016-07-26

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[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR DISTRIBUTION OF ADDRESSABLE CONTENT**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE DISTRIBUTION DE CONTENU ADRESSABLE**
[72] GRANT, JOHN, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2018-02-09
[86] 2016-08-25 (PCT/US2016/048593)
[87] (WO2017/040182)
[30] US (14/838,671) 2015-08-28

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[51] **Int.Cl. G08G 1/04 (2006.01) G01S 17/88 (2006.01) G08G 1/017 (2006.01) G08G 1/052 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VEHICLE DETECTION**
[54] **SYSTEME ET METHODE DE DETECTION DE VEHICULE**
[72] MIMEAULT, YVAN, CA
[72] GIDEL, SAMUEL, CA
[73] LEDDARTECH INC., CA
[86] (2998166)
[87] (2998166)
[22] 2013-03-01
[62] 2,865,733
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[54] **FORCE-LIMITING AND DAMPING DEVICE**
[54] **DISPOSITIF D'ATTENUATION ET DE LIMITATION DE LA FORCE**
[72] SHIH, JUI-YUAN, TW
[73] SHIH, JUI-YUAN, TW
[86] (2998168)
[87] (2998168)
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[54] **PHOTOVOLTAIC THERMAL COLLECTOR**
[54] **COLLECTEUR THERMIQUE PHOTOVOLTAIQUE**
[72] NAKAHAMA, HIDENARI, JP
[73] NISSHINBO MECHATRONICS INC., JP
[85] 2018-03-12
[86] 2016-10-07 (PCT/JP2016/079881)
[87] (WO2017/073288)
[30] JP (2015-211290) 2015-10-27

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[25] EN
[54] **PUSH-TO-CONNECT JOINT ASSEMBLY WITH PROTECTIVE SHIELD DEVICE AND METHOD**
[54] **ENSEMBLE JOINT A CONNEXION PAR PRESSION COMPRENANT UN DISPOSITIF D'ECRAN DE PROTECTION ET PROCEDE**
[72] CROMPTON, DAVID B., US
[72] DIAS, LIBARDO O., US
[72] BOUCHARD, HERBERT J., US
[73] QUICK FITTING, INC., US
[85] 2018-03-15
[86] 2016-09-15 (PCT/US2016/051876)
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **AIR STREAM SELECTOR FOR AN AIR DRILL SEEDING SYSTEM**
[54] **SELECTEUR DE COURANT D'AIR POUR SYSTEME DE SEMIS PNEUMATIQUE**
[72] MEYER, ANDREW THOMAS, CA
[72] HIGGINS, ROBERT JOHN, CA
[72] PRIDMORE, JEFFREY CAMERON, CA
[72] VARJASSY, JUSTIN CHARLES, CA
[73] ONE PASS IMPLEMENTS INC., CA
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[25] EN
[54] **CONTAMINANT REMOVAL METHOD FOR FRACTIONATING COLUMNS**
[54] **METHODE D'ENLEVEMENT DE CONTAMINANT DESTINEE AUX COLONNES DE FRACTURATION**
[72] MARSHALL, DEREK B., CA
[72] MACKENZIE, STUART D., CA
[72] MACKENZIE, KELLY R., CA
[73] GAS LIQUIDS ENGINEERING LTD., CA
[86] (2999717)
[87] (2999717)
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[51] **Int.Cl. E04C 1/00 (2006.01) E02D 29/02 (2006.01)**
[25] EN
[54] **REVERSIBLE SEGMENTAL RETAINING WALL BLOCK, MOLDS AND METHODS FOR MANUFACTURING SAME, AND METHODS OF FORMING RETAINING WALLS WITH SAME**
[54] **BLOC DE MUR DE SOUTENEMENT A SEGMENT REVERSIBLE, MOULES ET METHODES DE FABRICATION ASSOCIEE, ET METHODE DE FORMATION DE MURS DE SOUTENEMENT AU MOYEN DESDITS BLOCS**
[72] NICOL, BROCK, CA
[72] MATYS, TYLER, CA
[73] RISI STONE INC., CA
[86] (3000082)
[87] (3000082)
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[51] **Int.Cl. C08L 23/12 (2006.01) C08K 3/34 (2006.01) C08L 23/16 (2006.01)**
[25] EN
[54] **HIGH FLOW TPO COMPOSITION WITH EXCELLENT BALANCE IN MECHANICAL PROPERTIES FOR AUTOMOTIVE INTERIOR**
[54] **COMPOSITION DE TPO A ECOULEMENT ELEVE PRESENTANT UN EXCELLENT EQUILIBRE DES PROPRIETES MECANIQUES POUR INTERIEUR D'AUTOMOBILES**
[72] GRESTENBERGER, GEORG, AT
[72] SANDHOLZER, MARTINA, AT
[73] BOREALIS AG, AT
[85] 2018-04-04
[86] 2016-11-17 (PCT/EP2016/078020)
[87] (WO2017/085194)
[30] EP (15194948.4) 2015-11-17

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[51] **Int.Cl. B66F 9/22 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **MATERIALS HANDLING VEHICLE ESTIMATING A SPEED OF A MOVABLE ASSEMBLY FROM A LIFT MOTOR SPEED**
[54] **VEHICULE DE MANIPULATION DE MATERIAUX CONCU POUR ESTIMER LA VITESSE D'UN ENSEMBLE MOBILE A PARTIR DE LA VITESSE DU MOTEUR D'UN APPAREIL DE LEVAGE**
[72] DAMMEYER, KARL L., US
[72] HOLBROOK, ERIC D., US
[72] IHLE, DARRIN R., US
[72] MCCLAIN, MARC A., US
[72] WALTZ, LUCAS B., US
[73] CROWN EQUIPMENT CORPORATION, US
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[87] (3001155)
[22] 2012-02-13
[62] 2,826,440
[30] US (61/443,302) 2011-02-16
[30] US (61/560,480) 2011-11-16

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[13] C
[51] **Int.Cl. B66F 9/22 (2006.01) B66F 9/08 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **MATERIALS HANDLING VEHICLE MEASURING ELECTRIC CURRENT FLOW INTO/OUT OF A HYDRAULIC SYSTEM MOTOR**
[54] **VEHICULE DE MANIPULATION DE MATERIAUX CONCU POUR ESTIMER LA VITESSE D'UN ENSEMBLE MOBILE A PARTIR DE LA VITESSE DU MOTEUR D'UN APPAREIL DE LEVAGE**
[72] DAMMEYER, KARL L., US
[72] IHLE, DARRIN R., US
[72] MCCLAIN, MARC A., US
[72] WALTZ, LUCAS B., US
[72] HOLBROOK, ERIC D., US
[73] CROWN EQUIPMENT CORPORATION, US
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[87] (3001159)
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[62] 2,826,440
[30] US (61/443,302) 2011-02-16
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[51] **Int.Cl. B66F 9/22 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **MATERIALS HANDLING VEHICLE MONITORING A PRESSURE OF HYDRAULIC FLUID WITHIN A HYDRAULIC STRUCTURE**
[54] **VEHICULE DE MANUTENTION DE MATERIAUX SURVEILLANT UNE PRESSION DE FLUIDE HYDRAULIQUE DANS UNE STRUCTURE HYDRAULIQUE**
[72] DAMMEYER, KARL L., US
[72] HOLBROOK, ERIC D., US
[72] IHLE, DARRIN R., US
[72] MCCLAIN, MARC A., US
[72] WALTZ, LUCAS B., US
[73] CROWN EQUIPMENT CORPORATION, US
[86] (3001203)
[87] (3001203)
[22] 2012-02-13
[62] 2,826,440
[30] US (61/443,302) 2011-02-16
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[13] C
[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/155 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING DIABETES MELLITUS**
[54] **COMPOSITION DE TRAITEMENT DE DIABETE SUCRE**
[72] KATO, YASUMASA, JP
[73] KATO, YASUMASA, JP
[85] 2018-04-11
[86] 2016-10-28 (PCT/JP2016/082066)
[87] (WO2017/073729)
[30] JP (2015-214824) 2015-10-30

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[51] **Int.Cl. H01R 9/05 (2006.01) H01R 24/38 (2011.01) H01R 13/514 (2006.01) H01R 13/518 (2006.01) H01R 13/631 (2006.01) H01R 13/74 (2006.01)**
[25] EN
[54] **COAXIAL CONNECTOR ASSEMBLY AND COMMUNICATION SYSTEM HAVING A PLURALITY OF COAXIAL CONTACTS**
[54] **ENSEMBLE CONNECTEUR COAXIAL ET SYSTEME DE COMMUNICATION AYANT UNE PLURALITE DE CONTACTS COAXIAUX**
[72] YI, CHONG HUN, US
[72] MORLEY, STEPHEN THOMAS, US
[72] MILLER, KEITH EDWIN, US
[73] TE CONNECTIVITY CORPORATION, US
[85] 2018-06-04
[86] 2016-12-09 (PCT/US2016/065829)
[87] (WO2017/100573)
[30] US (14/966,376) 2015-12-11

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[13] C
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[25] EN
[54] **CARBON CAPTURE**
[54] **CAPTURE DU CARBONE**
[72] LUO, JING, CN
[72] QI, LIFANG, CN
[72] WANG, JINYONG, CN
[73] JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC., KY
[86] (3009250)
[87] (3009250)
[22] 2018-06-22
[30] CN (201710865004.X) 2017-09-22
[30] US (15/923128) 2018-03-16

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[54] **MANAGING MULTIPLE PROFILES FOR A SINGLE ACCOUNT IN AN ASYNCHRONOUS MESSAGING SYSTEM**
[54] **GESTION DE PLUSIEURS PROFILS POUR UN SEUL COMPTE DANS UN SYSTEME DE MESSAGERIE ASYNCHRONE**
[72] ABDEL-MAGUID, HAZEM, CA
[72] AMER, ABDELRAHMAN, CA
[73] NANDBOX INC., CA
[85] 2018-06-26
[86] 2016-08-31 (PCT/CA2016/051028)
[87] (WO2017/147683)
[30] US (62/301,685) 2016-03-01

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[25] EN
[54] **INTEGRATED ON-BOARD LOW-PRESSURE ADSORBED NATURAL GAS STORAGE SYSTEM FOR AN ADSORBED NATURAL GAS VEHICLE**
[54] **SYSTEME DE STOCKAGE DE GAZ NATUREL ADSORBE PAR BASSE PRESSION EMBARQUE INTEGRE DESTINE A UN VEHICULE AU GAZ NATUREL ADSORBE**
[72] BONELLI, ROBERT ALLEN, US
[73] ADSORBED NATURAL GAS PRODUCTS, INC., US
[86] (3010292)
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[22] 2018-06-29
[30] US (15/899,123) 2018-02-19
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[25] EN
[54] **SUBBAND SPATIAL AND CROSSTALK CANCELLATION FOR AUDIO REPRODUCTION**
[54] **SOUS-BANDE SPATIALE ET ANNULATION DE DIAPHONIE POUR UNE REPRODUCTION AUDIO**
[72] SELDESS, ZACHARY, US
[72] TRACEY, JAMES, US
[72] KRAEMER, ALAN, US
[73] BOOMCLOUD 360, INC., US
[85] 2018-07-16
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[25] EN
[54] **RESISTANT DEXTRIN AND METHOD FOR PREPARING THE SAME**
[54] **DEXTRINE RESISTANTE ET PROCEDE POUR LA FABRIQUER**
[72] DOU, GUANGPENG, CN
[72] GAN, ZHAOBO, CN
[72] LI, FANGHUA, CN
[72] SHAO, XIANBAO, CN
[72] YANG, TENGTENG, CN
[72] DU, QIAN, CN
[72] ZHANG, MINGZHAN, CN
[72] ZHANG, XINGJING, CN
[73] SHANDONG BAILONG CHUANGYUAN BIO-TECH CO., LTD, CN
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[54] **SMOKE EVACUATION SYSTEM FOR INVASIVE SURGICAL PROCEDURES**
[54] **SYSTEME D'EVACUATION DE FUMEE POUR PROCEDURES CHIRURGICALES INVASIVES**
[72] BABINI, CARLOS, US
[72] BLIER, KENNETH, US
[72] RUNNER, GREGORY, US
[72] MASTRI, DOMINICK, US
[73] SURGIQUEST, INC., US
[85] 2018-08-29
[86] 2017-03-30 (PCT/US2017/024879)
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[54] **GESTION DE PLUSIEURS PROFILS POUR UN SEUL COMPTE DANS UN SYSTEME DE MESSAGERIE ASYNCHRONE**
[72] ABDEL-MAGUID, HAZEM, CA
[72] AMER, ABDELRAHMAN, CA
[73] NANDBOX INC., CA
[86] (3016459)
[87] (3016459)
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[25] EN
[54] **PUSH-TO-CONNECT FITTING DEVICE, ARRANGEMENT AND METHOD**
[54] **DISPOSITIF, AGENCEMENT ET PROCEDE DE RACCORD INSTANTANE**
[72] CROMPTON, DAVID B., US
[72] DIAS, LIBARDO OCHOA, US
[72] BOUCHARD, HERBERT J., US
[73] QUICK FITTING, INC., US
[85] 2018-09-17
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[25] EN
[54] **FLUID COMMUNICATION WITH AN EARTH FORMATION THROUGH CEMENT**
[54] **COMMUNICATION FLUIDIQUE AVEC UNE FORMATION SOUTERRAINE A TRAVERS DU CIMENT**
[72] WATSON, BROCK W., US
[72] SCHULTZ, ROGER L., US
[72] FERGUSON, ANDREW M., US
[73] THRU TUBING SOLUTIONS, INC., US
[86] (3020194)
[87] (3020194)
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[54] **HEAD AND SYSTEM FOR CONTINUOUSLY MANUFACTURING COMPOSITE HOLLOW STRUCTURE**
[54] **TETE ET SYSTEME PERMETTANT DE FABRIQUER EN CONTINU UNE STRUCTURE CREUSE COMPOSITE**
[72] TYLER, KENNETH LYLE, US
[73] CC3D LLC, US
[85] 2018-10-12
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[25] EN
[54] **DUAL SENSOR SYSTEM FOR CONTINUOUS BLOOD PRESSURE MONITORING DURING TRANSCATHETER HEART VALVE THERAPIES**
[54] **SYSTEME DE CAPTEUR DOUBLE SERVANT A LA SURVEILLANCE CONTINUE DE LA TENSION ARTERIELLE PENDANT LES THERAPIES DE VALVULE CARDIAQUE TRANSCATHETER**
[72] GLAWDEL, TOM, CA
[72] GLOVER, CHRISTOPHER, CA
[72] CARON, ERIC, CA
[72] ABEL, SYLVAIN, CA
[73] THREE RIVERS CARDIOVASCULAR SYSTEMS INC., CA
[86] (3021877)
[87] (3021877)
[22] 2018-10-23
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[54] **HYBRID PUSH-TO-CONNECT FITTING DEVICE, ARRANGEMENT AND METHOD**
[54] **DISPOSITIF, AGENCEMENT ET PROCEDE DE RACCORD INSTANTANE HYBRIDE**
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[72] DIAS, LIBARDO OCHOA, US
[72] BOUCHARD, HERBERT J., US
[73] QUICK FITTING, INC., US
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[25] EN
[54] **CONE COMPRISING A CASING FOR A TOY**
[54] **CONE COMPRENANT UN BOITIER POUR UN JOUET**
[72] OZBEK, YILDIRIM, TR
[73] ZIRVE CIKOLATA GIDA SAN. TIC. A.S., TR
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[25] EN
[54] **RECONSTRUCTING AUDIO SIGNALS WITH MULTIPLE DECORRELATION TECHNIQUES**
[54] **RECONSTRUCTION DE SIGNAUX AUDIO AU MOYEN DE TECHNIQUES DE DECORRELATION MULTIPLES**
[72] DAVIS, MARK FRANKLIN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[86] (3026245)
[87] (3026245)
[22] 2005-02-28
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[54] **RECONSTRUCTING AUDIO SIGNALS WITH MULTIPLE DECORRELATION TECHNIQUES**
[54] **RECONSTRUCTION DE SIGNAUX AUDIO AU MOYEN DE TECHNIQUES DE DECORRELATION MULTIPLES**
[72] DAVIS, MARK FRANKLIN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[86] (3026283)
[87] (3026283)
[22] 2005-02-28
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[25] EN
[54] **INFILL WELL METHODS FOR HYDROCARBON RECOVERY**
[54] **METHODES DE PUITS INTERCALAIRE POUR LA RECUPERATION D'HYDROCARBURES**
[72] CHAN, RICHARD, CA
[72] GHANNADI, SAHAR, CA
[71] SUNCOR ENERGY INC., CA
[22] 2017-09-25
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[25] EN
[54] **LOW IMPACT BICYCLE**
[54] **BICYCLETTE A FAIBLE IMPACT**
[72] DJURICA, RADOSLAV, CA
[71] DJURICA, RADOSLAV, CA
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[51] **Int.Cl. G09F 7/04 (2006.01)**
[25] EN
[54] **MAGNETIC SIGN SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE SIGNALISATION MAGNETIQUE ET PROCEDES D'UTILISATION**
[72] CAMPBELL, RICK, CA
[71] DARLINGTON HOLDINGS INC., CA
[22] 2017-09-25
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 20/06 (2012.01)**
[25] EN
[54] **SYNTHETIC CLOSED LOOP PREPAID CREDITS**
[54] **CREDITS PREPAYES A BOUCLE FERMEE SYNTHETIQUE**
[72] POPTIA, ZAHEED, CA
[71] CARDSWAP INC, CA
[22] 2017-09-25
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[25] EN
[54] **CREDIT CARD GIFT SYSTEM AND METHOD**
[54] **SYSTEME DE CARTE DE CREDIT CADEAU ET METHODE**
[72] VOHORA, SANDY, CA
[71] RED STRING CORPORATION, CA
[22] 2017-09-25
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[25] EN
[54] **VEHICLE CABIN ENCLOSING BODY PANEL**
[54] **CABINE DE VEHICULE ENTOURANT UN PANNEAU DE CHASSIS**
[72] MORIN, VINCENT, CA
[72] NORMAND, MAXIME, CA
[72] TREMBLAY, JULIE, CA
[72] VINCENT, MATHIEU, CA
[72] SAVAGE, BENOIT, CA
[72] THERRIEN, GENEVIEVE, CA
[72] GAUDET, PASCAL, CA
[71] SOUCY INTERNATIONAL INC., CA
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[51] **Int.Cl. A61B 17/225 (2006.01) A61B 5/022 (2006.01) A61B 5/0402 (2006.01) A61F 5/41 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **USE OF A COMBINATION OF COUNTER-PULSATIONS, LOW INTENSITY SHOCK WAVES AND CARBON DIOXIDE FOR TREATING ORGANIC ERECTILE DYSFUNCTION**
[54] **UTILISATION D'UNE COMBINAISON DE CONTRE PULSATIONS, D'ONDES DE CHOC A BASSE INTENSITE ET DE DIOXYDE DE CARBONE POUR TRAITER LA DYSFONCTION ERECTILE BIOLOGIQUE**
[72] MORGANSTERN, STEVEN, US
[72] BECERRA, CARLOS, US
[71] BMR MEDICAL LLC, US
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[25] EN
[54] **DISTRIBUTING LIGHT IN A REACTION CHAMBER**
[54] **DISTRIBUTION DE LUMIERE DANS UNE CHAMBRE DE REACTION**
[72] KOUDEHI, BABAK ADELI, CA
[72] TAGHIPOUR, FARIBORZ, CA
[71] ACUVA TECHNOLOGIES INC., CA
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[51] **Int.Cl. A47J 41/02 (2006.01) A47J 41/00 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **THERMOS HAVING MULTIPLE HERMETICAL HEAT PRESERVATION STRUCTURES AND GLASS LINER EASY TO DISASSEMBLE AND ASSEMBLE**
[54] **THERMOS COMPORTANT PLUSIEURS STRUCTURES HERMETIQUES DE CONSERVATION DE LA CHALEUR ET REVETEMENT INTERIEUR EN VERRE FACILE A DESASSEMBLER ET ASSEMBLER**
[72] WONG, YUEN FONG, CN
[71] WONG, YUEN FONG, CN
[22] 2017-09-26
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[25] EN
[54] **COMBINATION MASSAGE TABLE WITH ONE OR MORE RESISTANCE BANDS**
[54] **TABLE DE MASSAGE COMBINEE AVEC UNE OU PLUSIEURS BANDES DE RESISTANCE**
[72] ALLISON, SYLVESTER, III, US
[72] ROSARIO, EDWIN, JR., US
[71] ALLISON, SYLVESTER, III, US
[71] ROSARIO, EDWIN, JR., US
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[25] EN
[54] **TOWABLE CARRIER**
[54] **TRANSPORTEUR REMORQUABLE**
[72] VIGNEUX, SAMUEL, CA
[72] VIGNEUX, TONY, CA
[71] VIGNEUX, SAMUEL, CA
[71] VIGNEUX, TONY, CA
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[51] **Int.Cl. E04B 2/00 (2006.01) E04B 1/38 (2006.01) E04F 21/18 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **PRE-FABRICATED DEFLECTION ABSORBENT MODULAR WALL SYSTEM**
[54] **SYSTEME MURAL MODULAIRE PREFABRIQUE ABSORBANT LA DEFLEXION**
[72] KENNEDY, DAVID, CA
[71] MOD PANEL MANUFACTURING LTD., CA
[22] 2017-09-26
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[25] FR
[54] **WELDLESS WHEELCHAIR**
[54] **FAUTEUIL ROULANT SANS SOUDURES**
[72] ARCAND, JOCELYN J. A., CA
[71] ARCAND, JOCELYN J. A., CA
[22] 2017-09-26
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[51] **Int.Cl. F21V 21/10 (2006.01) F21V 21/116 (2006.01) F21V 23/00 (2015.01)**
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[54] **FLOOR MOUNTING LIGHTING**
[54] **ECLAIRAGE INSTALLE AU PLANCHER**
[72] RENNEHAN, AMANADA, CA
[72] DUPRAT, DUSTIN, CA
[71] RENNEHAN, AMANADA, CA
[71] DUPRAT, DUSTIN, CA
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[51] **Int.Cl. G01V 5/04 (2006.01)**
[25] EN
[54] **SHOCK RESISTANT DOWNHOLE GAMMA RAY DETECTOR ASSEMBLY**
[54] **DISPOSITIF DETECTEUR DE RAYON GAMMA EN FOND DE TROU RESISTANT AUX CHOCS**
[72] DINICA, CORNEL, CA
[72] JOHNSON, RICHARD, CA
[72] RUSSELL, ANTHONY DESMOND, CA
[71] QCD TECHNOLOGY INC., CA
[22] 2017-09-25
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[51] **Int.Cl. G01J 1/00 (2006.01) C02F 1/00 (2006.01) G01R 31/27 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **MONITORING LIGHT OUTPUT FROM AT LEAST ONE SOLID-STATE LIGHT SOURCE**
[54] **SORTIE D'ECLAIRAGE DE SURVEILLANCE A PARTIR D'AU MOINS UNE SOURCE D'ECLAIRAGE A SEMI-CONDUCTEURS**
[72] BABAIE, ASHKAN, CA
[72] SHAGERDMOOTAAB, ALI, CA
[71] ACUVA TECHNOLOGIES INC., CA
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[51] **Int.Cl. F16L 59/135 (2006.01) F16L 3/04 (2006.01) F16L 59/14 (2006.01)**
[25] EN
[54] **THERMALLY PRE-INSULATED PIPE CLAMP**
[54] **PINCE DE TUYAU DOTEE DE PREISOLANT THERMIQUE**
[72] DIPETRILLO, CRAIG J., US
[71] DIPETRILLO, CRAIG J., US
[22] 2017-09-27
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[13] A1
[51] **Int.Cl. B27L 11/00 (2006.01) B27B 33/00 (2006.01)**
[25] EN
[54] **CUTTING TOOTH SPLITTER APPARATUS AND METHOD**
[54] **APPAREIL DE DIVISEUR A DENTS COUPANTES ET METHODE**
[72] GAUDREAULT, DANIEL, US
[71] GYRO-TRAC CORPORATION, US
[22] 2017-09-26
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[13] A1
[51] **Int.Cl. F16L 3/12 (2006.01) F16L 3/22 (2006.01) F16L 3/227 (2006.01)**
[25] EN
[54] **MODULAR CONDUIT SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE CONDUIT MODULAIRE**
[72] PERRY, SHAWN F. D., CA
[71] PERRY, SHAWN F. D., CA
[22] 2017-09-27
[41] 2019-03-27

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[51] **Int.Cl. A43B 7/14 (2006.01) A43B 7/26 (2006.01) A43B 7/32 (2006.01) A43C 19/00 (2006.01)**
[25] EN
[54] **R & R CUSHION**
[54] **COUSSIN DE REPOS**
[72] BUTT, ZEASHAN A., CA
[71] BUTT, ZEASHAN A., CA
[22] 2017-09-27
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[13] A1
[51] **Int.Cl. A61K 31/18 (2006.01) A61P 3/00 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR USE IN THE TREATMENT OR PREVENTION OF LOWE SYNDROME OR DENT DISEASE, AND METHODS THEREFOR**
[54] **COMPOSES DESTINES AU TRAITEMENT OU A LA PREVENTION DU SYNDROME DE LOWE OU DE LA MALADIE DE DENT, ET METHODES ASSOCIEES**
[72] CARRENO, SEBASTIEN, CA
[72] BEN EL KADHI, KHALED, CA
[72] ECHARD, ARNAUD, FR
[72] CAUVIN, CLOTHILDE, FR
[72] LOWE, MARTIN, GB
[71] CARRENO, SEBASTIEN, CA
[71] BEN EL KADHI, KHALED, CA
[71] ECHARD, ARNAUD, FR
[71] CAUVIN, CLOTHILDE, FR
[71] LOWE, MARTIN, GB
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[13] A1
[51] **Int.Cl. A61B 9/00 (2006.01)**
[25] EN
[54] **INSTANTANEOUS FORCE MEASURING REFLEX HAMMER**
[54] **MARTEAU A REFLEXE MESURANT LA FORCE INSTANTANEMENT**
[72] REID, COREY ALLEN, CA
[72] PARKER, WILLIAM ALAN, CA
[71] REID, COREY ALLEN, CA
[71] PARKER, WILLIAM ALAN, CA
[22] 2017-09-27
[41] 2019-03-27

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[13] A1
[51] **Int.Cl. F24H 1/18 (2006.01) C03C 4/20 (2006.01) C23D 5/00 (2006.01) F16J 12/00 (2006.01) F17C 13/00 (2006.01) F24H 9/00 (2006.01)**
[25] EN
[54] **DOUBLE GLASS COATED TANK FOR HIGH TEMPERATURE WATER HEATERS**
[54] **RESERVOIR REVETU A DOUBLE PAROI EN VERRE DESTINE A DES CHAUFFE-EAU HAUTE TEMPERATURE**
[72] LESAGE, CLAUDE, CA
[71] MICLAU-S.R.I. INC., CA
[22] 2017-09-27
[41] 2019-03-27

[21] **2,980,588**
[13] A1
[51] **Int.Cl. H04L 12/66 (2006.01)**
[25] EN
[54] **METHOD AND PROCESS OF NETWORK GATEWAY CONFIGURATION TO INFLUENCE CLIENT DEVICE NETWORK SELECTION PROCESS**
[54] **METHODE ET PROCEDE DE CONFIGURATION DE PASSERELLE DE RESEAU POUR INFLUENCER UN PROCESSUS DE SELECTION DE RESEAU DE DISPOSITIFS CLIENTS**
[72] BROWN, JEFFREY J., CA
[72] NEWELL, NICHOLAS A., CA
[72] OBETA, ANTHONY C., CA
[72] SHOKAR, AMRITPAL S., CA
[71] BROWN, JEFFREY J., CA
[22] 2017-09-28
[41] 2019-03-28

[21] **2,980,593**
[13] A1
[51] **Int.Cl. F03G 3/00 (2006.01) F03G 7/10 (2006.01)**
[25] EN
[54] **GRAVITY ENGINE**
[54] **MOTEUR A GRAVITE**
[72] CHE, YANJUN Y.C., CA
[71] CHE, YANJUN Y.C., CA
[22] 2017-09-28
[41] 2019-03-28

[21] **2,980,597**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] FR
[54] **INSURABILITY ANALYSIS SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D`ANALYSE D`ASSURABILITE**
[72] RODRIGUE, STEPHANE, CA
[72] MAROIS, MARC-ANTOINE, CA
[71] PROGRESSION VIE, CA
[22] 2017-09-28
[41] 2019-03-28

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[13] A1
[51] **Int.Cl. E03C 1/12 (2006.01) F16J 15/06 (2006.01) F16L 23/22 (2006.01)**
[25] EN
[54] **PLUMBING CLEANOUT RISER GASKET**
[54] **JOINT D'ETANCHEITE DE COLONNE MONTANTE A REGARD DE NETTOYAGE SANITAIRE**
[72] WULLSCHLEGER, JANNES J., CA
[71] WULLSCHLEGER, JANNES J., CA
[22] 2017-09-28
[41] 2019-03-28

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[13] A1
[51] **Int.Cl. B60B 7/00 (2006.01)**
[25] EN
[54] **WHEEL COVER ASSEMBLY**
[54] **ENSEMBLE DE COUVRE-ROUE**
[72] BERTRAND, EVAN K., CA
[71] BERTRAND, EVAN K., CA
[22] 2017-09-28
[41] 2019-03-28

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[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/80 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHOD FOR PROVIDING EXTENDED RELEASE ANTIMICROBIAL IN HYDRAULIC FRACTURING APPLICATIONS**
[54] **METHODE DE FOURNITURE DE MATIERE ANTIMICROBIENNE PROLONGEE DANS LES APPLICATIONS DE FRACTURATION HYDRAULIQUE**
[72] ANDERSON, RONALD, US
[72] WANNER, MARK, US
[71] LUBRIZOL OILFIELD SOLUTIONS, INC., US
[22] 2017-09-28
[41] 2019-03-28
[30] US (62/400,675) 2016-09-28

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[13] A1
[51] **Int.Cl. E02D 5/56 (2006.01) E02D 7/22 (2006.01)**
[25] EN
[54] **HELICAL SCREW PILE ASSEMBLIES**
[54] **ASSEMBLAGES DE PILIER A VIS HELICOIDALE**
[72] RAWLYK, MICHAEL G., CA
[71] RAWLYK, MICHAEL G., CA
[22] 2017-09-28
[41] 2019-03-28

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/06 (2006.01) E21B 43/08 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **ACTUABLE DOWNHOLE TOOLS FOR ATTACHMENT TO TUBULAR STRINGS**
[54] **OUTILS DE FOND DE TROU ACTIONNABLES A FIXER AUX COLONNES DE TUBAGES**
[72] STYLER, GRAHAM S., CA
[72] FACCA, LEWIS R., CA
[72] SUSHKO, ANDREW N., CA
[71] DRECO ENERGY SERVICES ULC, CA
[22] 2017-09-28
[41] 2019-03-26
[30] US (15/715,969) 2017-09-26

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[13] A1
[51] **Int.Cl. A61N 1/00 (2006.01) A61H 99/00 (2006.01)**
[25] EN
[54] **AN DEVICE FOR REGULATING VITAL ENERGY ZEN QI**
[54] **UN DISPOSITIF DE REGULATION DE L'ENERGIE VITALE ZEN QI**
[72] UNKNOWN, ZZ
[71] LI, ZHEN, CA
[22] 2017-09-29
[41] 2019-03-29

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[13] A1
[51] **Int.Cl. B60D 1/58 (2006.01) B60D 1/48 (2006.01) B62D 53/08 (2006.01)**
[25] EN
[54] **DRAWBAR AND HITCH RECEIVER MOVEMENT ELIMINATING SYSTEMS**
[54] **SYSTEMES D'ELIMINATION DU MOUVEMENT DU RECEPTEUR DE LA BARRE D'ATTELAGE ET DE LA BOULE D'ATTELAGE**
[72] VERHEUL, DANIEL C., CA
[71] VERHEUL, DANIEL C., CA
[22] 2017-09-29
[41] 2019-03-29

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[13] A1
[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/0481 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PERFORM AN UNDO OPERATION USING A CONTINUOUS GESTURE**
[54] **SYSTEME ET METHODE SERVANT A REALISER UNE OPERATION D'ANNULATION AU MOYEN D'UN GESTE CONTINU**
[72] IERULLO, MARK, CA
[72] DHROLIA, SOPHIA, CA
[72] OSTOS, ANDREW, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-09-28
[41] 2019-03-28

[21] **2,980,829**
[13] A1
[51] **Int.Cl. E04G 5/00 (2006.01) E04D 15/00 (2006.01) E04G 3/22 (2006.01) E04G 3/26 (2006.01) E04G 3/34 (2006.01) E04G 5/06 (2006.01) E04G 5/14 (2006.01)**
[25] EN
[54] **ROOF SCAFFOLDING SYSTEM**
[54] **SYSTEME D'ECHAFAUDAGE POUR TOITURE**
[72] VIEIRA, JAMES SCHIMES, US
[71] VIEIRA, JAMES SCHIMES, US
[22] 2017-09-29
[41] 2019-03-29

[21] **2,980,857**
[13] A1
[51] **Int.Cl. E02D 29/02 (2006.01)**
[25] EN
[54] **RETAINING WALL COUNTERFORT AND RETAINING WALL SYSTEM**
[54] **CONTREFORT DE MUR DE SOUTENEMENT ET SYSTEME DE MUR DE SOUTENEMENT**
[72] ASH, DAVID, CA
[71] NORTHERN STRESSWALL CANADA LTD., CA
[22] 2017-09-28
[41] 2019-03-28

[21] **2,980,864**
[13] A1
[51] **Int.Cl. A47G 9/02 (2006.01) B68G 3/08 (2006.01)**
[25] EN
[54] **DUVET COVER WITH REMOVABLE DOWN FEATHER SHEET**
[54] **COUVRE COUETTE COMPORTANT UN DRAP DE DUVET AMOVIBLE**
[72] REUBEN, RONIE, CA
[71] REUBEN, RONIE, CA
[22] 2017-09-29
[41] 2019-03-29

[21] **2,980,880**
[13] A1
[51] **Int.Cl. A63B 6/00 (2006.01)**
[25] EN
[54] **EXERCISE MAT WITH CONTINUOUS ONE-PIECE ANTI-SLIP STRIP**
[54] **TAPIS D'EXERCICE COMPORTANT UNE BANDE ANTIDERAPANTE MONOPIECE CONTINUE**
[72] TSAI, VICTOR, TW
[71] GROUNDING INC., GB
[22] 2017-09-29
[41] 2019-03-29

[21] **2,980,887**
[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SECURE ONLINE TRANSACTION SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME DE TRANSACTION EN LIGNE SECURISEE ET METHODE ASSOCIEE**
[72] LEBOVIC, TOMAS, CA
[71] ENMAX ENCOMPASS INC., CA
[22] 2017-09-29
[41] 2019-03-29

[21] **2,980,902**
[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01) C02F 1/52 (2006.01) C10G 1/04 (2006.01) G01N 1/38 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **AUTOMATED ANALYZER AND METHODS FOR ANALYSIS OF TAILINGS SAMPLES SUBJECTED TO FLOCCULATION**
[54] **ANALYSEUR AUTOMATISE ET METHODES D'ANALYSE DES ECHANTILLONS DE RESIDUS SOUMIS A LA FLOCCULATION**
[72] REVINGTON, ADRIAN, CA
[72] MOYLS, BENITO, CA
[72] MITTAL, KUSHAGRA, CA
[71] SUNCOR ENERGY INC., CA
[22] 2017-09-29
[41] 2019-03-29

[21] **2,980,913**
[13] A1
[51] **Int.Cl. G06Q 30/08 (2012.01) G06Q 50/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCURING BIDS FOR A CONSTRUCTION PROJECT WITH A CENTRAL ESTIMATOR**
[54] **METHODE ET SYSTEME D'OBTENTION DE DEVIS POUR UN PROJET DE CONSTRUCTION AU MOYEN D'UN ESTIMATEUR CENTRAL**
[72] RAMIREZ, MILTON, CA
[71] RENOMAZING INC., CA
[22] 2017-09-29
[41] 2019-03-29

[21] **2,981,267**
[13] A1
[51] **Int.Cl. A61K 47/46 (2006.01) A61K 31/12 (2006.01) A61K 47/18 (2017.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **CURCUMINOID CHLOROPHYLLIN (CHL) COMPOSITIONS AND METHODS OF PREPARATION AND USE**
[54] **COMPOSITIONS DE CHLOROPHYLLINE CURCUMINOIDE (CHL) ET METHODES DE PREPARATION ET UTILISATION**
[72] CHANG, CHUCK, CA
[72] LEE, SANGHO, CA
[72] JANG, YOUNGSE, CA
[72] ROH, YOON SEOK, CA
[71] CHANG, CHUCK, CA
[71] LEE, SANGHO, CA
[71] JANG, YOUNGSE, CA
[71] ROH, YOON SEOK, CA
[22] 2017-10-03
[41] 2019-03-28
[30] US (62/564,819) 2017-09-28

[21] **2,981,394**
[13] A1
[51] **Int.Cl. A61K 47/26 (2006.01) A23L 5/43 (2016.01) A23L 27/10 (2016.01) A23L 33/105 (2016.01) A61K 9/00 (2006.01) A61K 31/12 (2006.01) A61K 47/18 (2017.01) A61K 47/22 (2006.01)**
[25] EN
[54] **CURCUMINOID COMPOSITIONS AND PREPARATION METHODS**
[54] **COMPOSITIONS DE CURCUMINOIDE ET METHODES DE PREPARATION**
[72] CHANG, CHUCK, CA
[72] LEE, SANGHO, CA
[72] JANG, YOUNGSE, CA
[72] ROH, YOON SEOK, CA
[71] CHANG, CHUCK, CA
[71] LEE, SANGHO, CA
[71] JANG, YOUNGSE, CA
[71] ROH, YOON SEOK, CA
[22] 2017-10-03
[41] 2019-03-28
[30] US (62/564,837) 2017-09-28

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[13] A1
[51] **Int.Cl. G01N 35/10 (2006.01) G01N 1/38 (2006.01)**
[25] EN
[54] **AUTOMATED ALNALYZER AND METHODS FOR ANALYSIS OF TAILINGS SAMPLES SUBJEC TED TO FLOCCULATION**
[54] **ANALYSEUR AUTOMATISE ET METHODES D'ANALYSE DES ECHANTILLONS DE RESIDUS SOUMIS A LA FLOCCULATION**
[72] REVINGTON, ADRIAN, CA
[72] MOYLS, BENITO, CA
[72] MITTAL, KUSHAGRA, CA
[71] SUNCOR ENERGY INC., CA
[22] 2017-10-05
[41] 2019-03-29
[30] CA (2.980.902) 2017-09-29

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[21] **2,982,142**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **CURATED DAILY CONTENT PRESENTATION FOR MOBILE DEVICES**
[54] **PRESENTATION DE CONTENU QUOTIDIEN ORGANISE DESTINEE A DES APPAREILS MOBILES**
[72] BYRNE, STEVE, US
[72] FOLK, DAVID, US
[72] GREEN, RICH, US
[72] LEE, EONJU, US
[72] MAO, JOSEPH, US
[72] NG, BRIAN, US
[72] SANDBERG, ANDREAS, US
[72] SPRACKETT, ZAC, US
[71] SUGARCRM INC., US
[22] 2017-10-11
[41] 2019-03-26
[30] US (15/716427) 2017-09-26

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[13] A1
[51] **Int.Cl. F21K 9/272 (2016.01) F21K 9/27 (2016.01) F21S 4/28 (2016.01) F21V 17/10 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **LUMINAIRES AND LIGHT SOURCE RETENTION COMPONENTS**
[54] **LUMINAIRES ET COMPOSANTES DE MAINTIEN DE SOURCE D'ECLAIRAGE**
[72] JAMES, DOUGLAS, US
[72] DEVRIES, MARK, US
[71] INTER-LUX, INC., US
[22] 2017-10-26
[41] 2019-03-27
[30] US (15/717,168) 2017-09-27

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[21] **2,984,655**
[13] A1
[51] **Int.Cl. B25J 1/04 (2006.01) B65G 67/26 (2006.01)**
[25] EN
[54] **TRUCK ACCESSORY**
[54] **ACCESSOIRE DE CAMION**
[72] WEST, MARK, CA
[72] DUBEAU, RICHARD, CA
[72] DICKIE, ROBERT G., CA
[71] 2546805 ONTARIO INC., CA
[22] 2017-11-03
[41] 2019-03-29
[30] US (15/719,842) 2017-09-29

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[13] A1
[51] **Int.Cl. B65D 19/32 (2006.01) B65D 19/18 (2006.01) B65D 19/40 (2006.01)**
[25] EN
[54] **MODULAR PALLETS**
[54] **PALETTES MODULAIRES**
[72] ROBINSON, WILLIAM STUART, CA
[71] ROBINSON, WILLIAM STUART, CA
[22] 2017-12-13
[41] 2019-03-28
[30] US (15/719339) 2017-09-28

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[13] A1
[51] **Int.Cl. F02C 9/52 (2006.01) F01D 17/02 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPERATING A GAS TURBINE ENGINE**
[54] **METHODE ET SYSTEME D'OPERATION D'UNE TURBINE A GAZ**
[72] JOSHI, NINAD, CA
[72] MESLIOUI, SID-ALI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-03-19
[41] 2019-03-29
[30] US (15/720,425) 2017-09-29

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[13] A1
[51] **Int.Cl. F16B 21/14 (2006.01) B25B 27/08 (2006.01) B60D 1/58 (2006.01) F16B 19/02 (2006.01)**
[25] EN
[54] **PIN ASSIST DEVICES, HITCH PINS, AND HITCH PIN ASSEMBLIES**
[54] **DISPOSITIF ASSISTE PAR UNE TIGE, TIGES D'ATTELAGE, ET ASSEMBLAGES DE TIGE D'ATTELAGE**
[72] HANCOCK, DENNIS H., US
[71] TRUCK SHIELDS, LLC, US
[22] 2018-04-19
[41] 2019-03-28
[30] US (15/718,366) 2017-09-28

[21] **3,004,170**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/02 (2006.01)**
[25] EN
[54] **MODULAR BITUMEN PROCESSING SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE TRAITEMENT DE BITUME MODULAIRE ET METHODES ASSOCIEES**
[72] BLUE, MARK E., US
[72] WISE, GEORGE S., IV, US
[72] SANDELL, MARTIN J., CA
[71] HARRIS CORPORATION, US
[22] 2018-05-04
[41] 2019-03-28
[30] US (15/717,986) 2017-09-28

[21] **3,006,132**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) H04L 9/16 (2006.01) H04L 9/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FACILITATING ITERATIVE KEY GENERATION AND DATA ENCRYPTION AND DECRYPTION**
[54] **SYSTEMES ET METHODES DE FACILITATION DE LA GENERATION DE CLE INTERACTIVE ET DE CHIFFREMENT ET DECHIFFREMENT DE DONNEES**
[72] HOWE, WAYNE R., US
[72] HUNT, JEFFREY H., US
[71] THE BOEING COMPANY, US
[22] 2018-05-23
[41] 2019-03-25
[30] US (15/714966) 2017-09-25

[21] **3,006,155**
[13] A1
[51] **Int.Cl. G05D 1/10 (2006.01) B64D 39/02 (2006.01) G01B 11/00 (2006.01) G01C 11/34 (2006.01)**
[25] EN
[54] **POSITIONING SYSTEM FOR AERIAL NON-DESTRUCTIVE INSPECTION**
[54] **SYSTEME DE POSITIONNEMENT DESTINE A L'INSPECTION AERIENNE NON DESTRUCTIVE**
[72] TROY, JAMES J., US
[72] GEORGESON, GARY E., US
[72] LEA, SCOTT W., US
[71] THE BOEING COMPANY, US
[22] 2018-05-24
[41] 2019-03-25
[30] US (15/714662) 2017-09-25

[21] **3,006,700**
[13] A1
[51] **Int.Cl. H04L 9/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FACILITATING DATA ENCRYPTION AND DECRYPTION AND ERASING OF ASSOCIATED INFORMATION**
[54] **SYSTEMES ET METHODE DE FACILITATION DE CHIFFREMENT ET DECHIFFREMENT DE DONNEES ET EFFACEMENT DE L'INFORMATION ASSOCIEE**
[72] HUNT, JEFFREY H., US
[72] HOWE, WAYNE R., US
[71] THE BOEING COMPANY, US
[22] 2018-05-29
[41] 2019-03-25
[30] US (15/714,948) 2017-09-25

[21] **3,007,530**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER WITH LIVING HINGE**
[54] **COUVRE-TONNEAU A CHARNIERE ACTIVE**
[72] FACCHINELLO, JEROME, US
[72] QUINN, JEFFREY S., US
[72] KNEIFL, KELLY J., US
[71] TECTUM HOLDINGS INC., US
[22] 2018-06-07
[41] 2019-03-27
[30] US (15/717,036) 2017-09-27

[21] **3,007,552**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **FRAME ASSEMBLY**
[54] **ASSEMBLAGE DE STRUCTURE**
[72] FACCHINELLO, JEROME, US
[72] DELONG, RYAN, US
[71] TECTUM HOLDINGS INC., US
[22] 2018-06-07
[41] 2019-03-29
[30] US (15/719,993) 2017-09-29

[21] **3,007,851**
[13] A1
[51] **Int.Cl. H04B 17/17 (2015.01) H04B 17/11 (2015.01) H04B 17/21 (2015.01) H04W 4/029 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED CALIBRATION OF WIRELESS IDENTIFICATION DEVICE LOCATION DETERMINATION EQUIPMENT**
[54] **SYSTEME ET METHODE D'ETALONNAGE AUTOMATIQUE D'EQUIPEMENT DE DETERMINATION D'EMPLACEMENT DE DISPOSITIF D'IDENTIFICATION SANS FIL**
[72] SHAH, PAYAL, US
[72] SINGH, NAVPREET, US
[72] MCINNIS, MICHAEL, US
[71] THE BOEING COMPANY, US
[22] 2018-06-11
[41] 2019-03-29
[30] US (15/720,105) 2017-09-29

[21] **3,008,271**
[13] A1
[51] **Int.Cl. G08B 21/02 (2006.01) G08B 25/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR DETECTING A VALUE CORRESPONDING TO AN AMBIENT CONDITION AND GENERATING AN ALERT RESPONSIVE TO THE VALUE**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE DETECTION D'UNE VALEUR CORRESPONDANT A UN ETAT AMBIANT ET DE PRODUCTION D'UNE ALERTE CORRESPONDANT A LA VALEUR**
[72] GAO, YEKUN, US
[72] NIE, RONGBAO, US
[72] ZHAO, XIAOGUANG, US
[72] WANG, ZHILEI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-06-13
[41] 2019-03-25
[30] US (15/713,925) 2017-09-25

[21] **3,009,235**
[13] A1
[51] **Int.Cl. B44D 3/16 (2006.01) A47L 13/02 (2006.01) A47L 13/03 (2006.01)**
[25] EN
[54] **GAS-ASSISTED SCRAPING TOOL**
[54] **OUTIL DE RACLAGE ASSISTE PAR GAZ**
[72] KRIEG, ED, US
[72] LONGSHORE, RYAN, US
[71] EXAIR CORPORATION, US
[22] 2018-06-22
[41] 2019-03-26
[30] US (15/715,550) 2017-09-26

[21] **3,009,408**
[13] A1
[51] **Int.Cl. G10L 15/22 (2006.01) G10L 15/02 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **DISTRIBUTED SPEECH PROCESSING**
[54] **TRAITEMENT DISTRIBUE DE LA PAROLE**
[72] TAL, DORON, IL
[72] ROSENZWEIG, MICHAEL, US
[72] RAJ, GURU, US
[72] COLETT, HANNAH, US
[72] TAO, TAO, US
[72] RIVLIN, ZE'EV, IL
[72] KOVESDY, SCOTT L., US
[72] SURYANARAYAN, ANITHA, US
[71] INTEL CORPORATION, US
[22] 2018-06-26
[41] 2019-03-28
[30] US (62/564,417) 2017-09-28
[30] US (15/933,832) 2018-03-23

[21] **3,009,416**
[13] A1
[51] **Int.Cl. G06F 12/02 (2006.01) G11C 16/06 (2006.01)**
[25] EN
[54] **READ-ONLY OPERATION OF NON-VOLATILE MEMORY MODULE**
[54] **OPERATION DE LECTURE SEULE DE MODULE MEMOIRE NON VOLATILE**
[72] MOSIOLEK, STANISLAW, PL
[72] RADTKE, JAKUB, PL
[71] INTEL CORPORATION, US
[22] 2018-06-26
[41] 2019-03-28
[30] US (15/718,090) 2017-09-28

[21] **3,009,866**
[13] A1
[51] **Int.Cl. F16H 61/22 (2006.01) F02K 1/76 (2006.01) F16H 25/22 (2006.01) F16P 1/00 (2006.01)**
[25] EN
[54] **IMPROVED LOCKING SYSTEM AND TORQUE LIMITER FOR AN ELECTRICALLY ACTUATED THRUST REVERSER**
[54] **SYSTEME DE VERROUILLAGE AMELIORE ET LIMITEUR DE COUPLE DESTINE A UN INVERSEUR DE POUSSEE ACTIONNE ELECTRIQUEMENT**
[72] MORGAN, ANTONY, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2018-06-27
[41] 2019-03-28
[30] EP (17275151.3) 2017-09-28

[21] **3,010,475**
[13] A1
[51] **Int.Cl. H04N 21/4363 (2011.01) H04N 21/4367 (2011.01) G06F 21/36 (2013.01) H04W 4/30 (2018.01) G08B 13/196 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DIRECTLY ACCESSING VIDEO DATA STREAMS AND DATA BETWEEN DEVICES IN A VIDEO SURVEILLANCE**
[54] **SYSTEMES ET METHODES D'ACCES DIRECT A DES FLUX DE DONNEES ET DES DONNEES ENTRE DISPOSITIFS DANS UNE VIDEOSURVEILLANCE**
[72] MEGANATHAN, DEEPAK SUNDAR, US
[72] SAHA, AVIJIT, US
[72] JANGA, VENUGOPALA REDDY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-07-04
[41] 2019-03-29
[30] US (15/720,075) 2017-09-29

[21] **3,010,481**
[13] A1
[51] **Int.Cl. G01S 1/70 (2006.01) G01S 11/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELF-ADJUSTING A MONITORING PATTERN RANGE OF A MICROWAVE SENSING DEVICE**
[54] **SYSTEMES ET METHODES D'AUTO AJUSTEMENT D'UNE PLAGE DE MODELES DE SURVEILLANCE D'UN APPAREIL DE DETECTION DE MICRO-ONDE**
[72] ZHAO, TIANFENG, US
[72] LI, HUAYU, US
[72] QIN, LEI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-07-04
[41] 2019-03-28
[30] US (15/718,264) 2017-09-28

[21] **3,010,482**
[13] A1
[51] **Int.Cl. G08G 5/06 (2006.01) G08G 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AIRPORT TERMINAL AREA TRAJECTORY DATA CLUSTERING FOR SELECTING EFFICIENT TERMINAL AREA PROCEDURES**
[54] **SYSTEME ET METHODE DE GROUPEMENT DE DONNEES DE TRAJECTOIRE DANS LA ZONE DE TERMINAL D'AEROPORT EN VUE DE SELECTIONNER DES PROCEDURES EFFICACES POUR LA ZONE DE TERMINAL**
[72] KUSUMA, MURALI KRISHNA, US
[72] SRIVASTAV, AMIT, US
[72] IDUPUNUR, KRISHNA, US
[72] AGARWAL, ANAND, US
[72] RANGU, MAHENDER, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-07-04
[41] 2019-03-26
[30] US (15/715,308) 2017-09-26

[21] **3,010,643**
[13] A1
[51] **Int.Cl. B25B 13/46 (2006.01) F16D 41/16 (2006.01)**
[25] EN
[54] **DUAL PAWL RATCHET MECHANISM AND REVERSING METHOD**
[54] **MECANISME DE ROCHET A DOUBLE CLIQUET ET METHODE D'INVERSION**
[72] ROSS, DAVID T., US
[71] SNAP-ON INCORPORATED, US
[22] 2018-07-06
[41] 2019-03-28
[30] US (15/719,055) 2017-09-28

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[13] A1
[51] **Int.Cl. B21F 35/00 (2006.01) B23P 15/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A SPRING WITH IMPROVED THERMAL STABILIZATION**
[54] **METHODE DE FABRICATION D'UN RESSORT AYANT UNE STABILISATION THERMALE AMELIOREE**
[72] SAVINO, DARIO, IT
[72] DANTE, GIORGIO, IT
[71] MICROTECNICA S.R.L., IT
[22] 2018-07-05
[41] 2019-03-25
[30] EP (17192902.9) 2017-09-25

[21] **3,010,842**
[13] A1
[51] **Int.Cl. B29C 70/30 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **FABRICATION OF GAP FILLERS FOR COMPOSITE PARTS THAT EXHIBIT VARYING RADII OF CURVATURE**
[54] **FABRICATION DE REMPLISSEURS D'ECART DESTINES A DES PIECES COMPOSITES QUI PRESENTENT DES RAYONS DE COURBURE VARIABLES**
[72] GORDON, CHRISTIAN, US
[72] KLIMOVSKI, ANDREW, US
[71] THE BOEING COMPANY, US
[22] 2018-07-09
[41] 2019-03-28
[30] US (15/718704) 2017-09-28

[21] **3,010,937**
[13] A1
[51] **Int.Cl. B29C 35/02 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE WORKPIECE HEATING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CHAUFFAGE DE PIECE DE TRAVAIL A HAUT RENDEMENT**
[72] NELSON, KARL M., US
[72] THOMPSON, MEGAN, US
[72] SERENCSITS, WILLIAM, US
[72] WU, TATEH, US
[72] RIEDEL, BRIAN, US
[71] THE BOEING COMPANY, US
[22] 2018-07-09
[41] 2019-03-26
[30] US (15/716188) 2017-09-26

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[13] A1
[51] **Int.Cl. F16K 41/12 (2006.01) F16K 1/32 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **DIAPHRAGM VALVE**
[54] **ROBINET A MEMBRANE**
[72] LANDACRE, BRETT ANTHONY, US
[71] MAC VALVES, INC., US
[22] 2018-07-11
[41] 2019-03-25
[30] US (15/714,320) 2017-09-25

[21] **3,011,589**
[13] A1
[51] **Int.Cl. G01D 5/00 (2006.01) B64C 13/34 (2006.01) F16H 25/20 (2006.01) F16H 57/00 (2012.01) G01D 5/02 (2006.01)**
[25] EN
[54] **ACTUATOR POSITION SENSOR MECHANISM**
[54] **MECANISME DE DETECTEUR DE POSITION D'ACTIONNEUR**
[72] SEMINEL, BRUNO, FR
[72] SARDI, ADIL, FR
[72] VERMANDE, FREDERIC, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2018-07-16
[41] 2019-03-25
[30] EP (17306261.3) 2017-09-25

[21] **3,012,621**
[13] A1
[51] **Int.Cl. F16B 37/14 (2006.01)**
[25] EN
[54] **RAPID INSTALLATION THERMOPLASTIC EME PROTECTION CAP**
[54] **CAPUCHON DE PROTECTION EME THERMOPLASTIQUE A INSTALLATION RAPIDE**
[72] STEVENS, BART, US
[72] MULLIGAN, BRANDON, US
[72] BOOTH, BRANDON D., US
[72] COWAN, DANIEL J., US
[71] THE BOEING COMPANY, US
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[41] 2019-03-28
[30] US (15/718,618) 2017-09-28

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[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMMUNICATING HIGH FIDELITY AIRCRAFT TRAJECTORY-RELATED INFORMATION THROUGH STANDARD AIRCARFT TRAJECTORY CONVENTIONS**
[54] **SYSTEME ET METHODE DE COMMUNICATION DE L'INFORMATION HAUTE FIDELITE ASSOCIEE A LA TRAJECTOIRE D'UN AERONEF AU MOYEN DES CONVENTIONS STANDARD DE TRAJECTOIRE D'AERONEF**
[72] VALLS HERNANDEZ, ERNESTO, ES
[72] NAVARRO FELIX, FRANCISCO A., ES
[72] QUEREJETA MASAVEU, CARLOS, ES
[72] CUADRADO SANCHEZ, JESUS, ES
[71] THE BOEING COMPANY, US
[22] 2018-08-02
[41] 2019-03-29
[30] EP (17382648.8) 2017-09-29

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[13] A1
[51] **Int.Cl. F21K 9/90 (2016.01) F21S 4/22 (2016.01) F21S 4/24 (2016.01) B65H 54/14 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING LIGHT STRIP AND WINDING RACK FOR MANUFACTURING THE SAME**
[54] **METOHDE DE FABRICATION D'UNE BANDE D'ECLAIRAGE ET SUPPORT D'ENROULEMENT EN VUE DE SA FABRICATION**
[72] TSAI, NAI-CHEN, CN
[71] COSMO LIGHTING INC., US
[22] 2018-08-03
[41] 2019-03-29
[30] US (62/565,327) 2017-09-29
[30] US (62/584,619) 2017-11-10

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[13] A1
[51] **Int.Cl. H04L 9/00 (2006.01) B64F 5/60 (2017.01) B64D 47/00 (2006.01) H04L 9/06 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **AIRCRAFT ENGINE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE MOTEUR D'AERONEF**
[72] FRAZER, BRANDON, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2018-08-08
[41] 2019-03-29
[30] US (15/719,816) 2017-09-29

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[13] A1
[51] **Int.Cl. F16B 43/00 (2006.01) B64D 45/02 (2006.01)**
[25] EN
[54] **DUAL PROTECTION INNER SEAL WASHER FOR ELECTROMAGNETIC EFFECTS (EME) FASTENERS**
[54] **RONDELLE DE JOINT INTERNE A DOUBLE PROTECTION DESTINEE AUX FIXATIONS A EFFETS ELECTROMAGNETIQUES**
[72] MORDEN, SEAN D., US
[72] CORONADO, PETER A., US
[72] WHITLOCK, RICHARD P., US
[72] DESSALEGN, HAFTOM Y., US
[72] DREXLER, JULIE M., US
[71] THE BOEING COMPANY, US
[22] 2018-08-08
[41] 2019-03-25
[30] US (15/714131) 2017-09-25

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) F21S 4/10 (2016.01)**
[25] EN
[54] **LIGHT STRING CONTROLLING CIRCUIT FOR SINGLE NODE AND METHOD THEREOF**
[54] **CIRCUIT DE COMMANDE D'UNE BANDE D'ECLAIRAGE DESTINE A UN NOEUD ET METHODE ASSOCIEE**
[72] TSAI, NAI-CHEN, CN
[71] COSMO LIGHTING INC., US
[22] 2018-08-15
[41] 2019-03-29
[30] US (62/565,237) 2017-09-29
[30] US (62/584,619) 2017-11-10

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[51] **Int.Cl. H05B 37/02 (2006.01) F21S 4/00 (2016.01) F21V 23/00 (2015.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LIGHT SET CIRCUIT WITH TIME CONTROL FUNCTION**
[54] **.**
[72] TSAI, NAI-CHEN, CN
[71] COSMO LIGHTING INC., US
[22] 2018-08-15
[41] 2019-03-29
[30] US (62/565,237) 2017-09-29
[30] US (62/584,619) 2017-11-10

[21] **3,014,183**
[13] A1
[51] **Int.Cl. H02G 1/12 (2006.01)**
[25] EN
[54] **WIRE, STRIPPING METHOD AND LIGHT STRIP**
[54] **FIL, METHODE DE DEGAINAGE ET BANDE D'ECLAIRAGE**
[72] TSAI, NAI-CHEN, CN
[71] COSMO LIGHTING INC., US
[22] 2018-08-15
[41] 2019-03-29
[30] US (62/565,237) 2017-09-29
[30] US (62/584,619) 2017-11-10

[21] **3,014,593**
[13] A1
[51] **Int.Cl. B06B 1/10 (2006.01) B06B 1/16 (2006.01) B65G 27/18 (2006.01) B65G 27/20 (2006.01)**
[25] EN
[54] **VIBRATORY APPARATUS**
[54] **APPAREIL VIBRATEUR**
[72] STEFFES, EDWARD C.,JR., US
[71] GENERAL KINEMATICS CORPORATION, US
[22] 2018-08-17
[41] 2019-03-29
[30] US (15/720,541) 2017-09-29

[21] **3,014,628**
[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER WITH HIDDEN HINGES**
[54] **COUVRE-TONNEAU COMPORTANT DES CHARNIERES CACHEES**
[72] FACCHINELLO, JEROME, US
[71] TECTUM HOLDINGS, INC., US
[22] 2018-08-17
[41] 2019-03-29
[30] US (15/719,891) 2017-09-29

[21] **3,015,191**
[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 3/24 (2006.01) B32B 25/08 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **COMPOSITE SOUND ABSORPTION PANEL ASSEMBLY**
[54] **ASSEMBLAGE DE PANNEAU D'ABSORPTION SONORE COMPOSITE**
[72] PRAKASH, OM, US
[72] BHATTACHARYA, SHANTANU, US
[72] KUMAR, SANJAY, US
[72] BHUSHAN, PULAK, US
[71] THE BOEING COMPANY, US
[22] 2018-08-23
[41] 2019-03-29
[30] US (15/719854) 2017-09-29

[21] **3,015,551**
[13] A1
[51] **Int.Cl. G05D 1/10 (2006.01) A01G 23/00 (2006.01) H04B 7/185 (2006.01) H04B 7/26 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **USING UNMANNED AERIAL VEHICLES (UAVS OR DRONES) IN FORESTRY MACHINE-CONNECTIVITY APPLICATIONS**
[54] **UTILISATION DE VEHICULES AERIENS SANS PILOTE (VAP OU DRONES) DANS LES APPLICATIONS DE CONNECTIVITE DE MACHINE DE FORESTERIE**
[72] FLOOD, MATTHEW J, US
[72] CHERNEY, MARK J, US
[72] KAHLER, ANDREW W, US
[72] LAWLER, RICHARD, US
[71] DEERE & COMPANY, US
[22] 2018-08-28
[41] 2019-03-29
[30] US (62/565,863) 2017-09-29
[30] US (15/812,423) 2017-11-14

[21] **3,015,584**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01)**
[25] EN
[54] **POWER TURBINE VANE AIRFOIL PROFILE**
[54] **PROFIL AERODYNAMIQUE D'AUBE DE TURBINE**
[72] MORADI, NILOOFAR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-08-27
[41] 2019-03-26
[30] US (15/715,441) 2017-09-26

[21] **3,015,657**
[13] A1
[51] **Int.Cl. G01V 8/00 (2006.01) A01G 23/00 (2006.01) A62C 3/02 (2006.01) A62C 37/00 (2006.01) B64C 39/02 (2006.01) B64D 47/08 (2006.01) G01C 9/00 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **USING UNMANNED AERIAL VEHICLES(UAVS OR DRONES) IN FORESTRY IMAGING AND ASSESSMENT APPLICATIONS**
[54] **UTILISATION DE VEHICULES AERIENS SANS PILOTE (VAP OU DRONES) DANS LES APPLICATIONS D'IMAGERIE ET D'EVALUATION EN FORESTERIE**
[72] FLOOD, MATTHEW J., US
[72] CHERNEY, MARK J., US
[72] KAHLER, ANDREW W., US
[72] LAWLER, RICHARD, US
[71] DEERE & COMPANY, US
[22] 2018-08-28
[41] 2019-03-29
[30] US (62/565,863) 2017-09-29
[30] US (15/812,448) 2017-11-14

[21] **3,015,779**
[13] A1
[51] **Int.Cl. G01V 8/00 (2006.01) A01G 23/00 (2006.01) B64C 39/02 (2006.01) B64D 47/08 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **USING UNMANNED AERIAL VEHICLES (UAVS OR DRONES) IN FORESTRY PRODUCTIVITY AND CONTROL APPLICATIONS**
[54] **UTILISATION DE VEHICULES AERIENS SANS PILOTE (VAP OU DRONES) DANS LES APPLICATIONS DE CONTROLE ET PRODUCTIVITE EN FORESTERIE**
[72] FLOOD, MATTHEW J., US
[72] CHERNEY, MARK J., US
[72] KAHLER, ANDREW W., US
[72] LAWLER, RICHARD, US
[71] DEERE & COMPANY, US
[22] 2018-08-29
[41] 2019-03-29
[30] US (62/565,863) 2017-09-29
[30] US (15/812,405) 2017-11-14

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[13] A1
[51] **Int.Cl. C07H 13/04 (2006.01) C08F 220/38 (2006.01) C08F 220/56 (2006.01) C08F 220/58 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **MALEAMIC ACID MONOMER AND PREPARATION METHOD THEREOF, RANDOM COPOLYMER, PREPARATION METHOD AND USE THEREOF, AND DRILLING FLUID**
[54] **MONOMERE D'ACIDE MALEAMIQUE ET METHODE DE PREPARATION ASSOCIEE, COPOLYMERE ALEATOIRE, METHODE DE PREPARATION ET UTILISATION ASSOCIEE, ET FLUIDE DE FORAGE**
[72] YANG, XIAOHUA, CN
[72] LIN, YONGXUE, CN
[72] HE, JIAN, CN
[72] WANG, LIN, CN
[72] JIN, JUNBIN, CN
[72] WANG, HAIBO, CN
[72] YANG, FAN, CN
[72] LI, ZHOUJUN, CN
[72] DONG, XIAOQIANG, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SINOPEC RESEARCH INSTITUTE OF PETROLEUM ENGINEERING, CN
[22] 2018-08-31
[41] 2019-03-25
[30] CN (201710875461.7) 2017-09-25

[21] **3,016,261**
[13] A1
[51] **Int.Cl. H01M 2/18 (2006.01) H01M 10/654 (2014.01)**
[25] EN
[54] **BATTERY HAVING AN INTEGRATED FLAME RETARDANT DEVICE**
[54] **BATTERIE COMPORTANT UN DISPOSITIF IGNIFUGEANT INTEGRE**
[72] LINDE, PETER, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2018-08-31
[41] 2019-03-27
[30] DE (102017122416.5) 2017-09-27

[21] **3,016,996**
[13] A1
[51] **Int.Cl. B60K 17/28 (2006.01)**
[25] EN
[54] **POWER TAKEOFF ASSEMBLY WITH GEAR TRANSFER AND PTO BRAKE**
[54] **APPAREIL DE PRISE DE FORCE DOTE DE TRANSFERT D'ENGRENAGE ET DE FREIN D'ARBRE DE PRISE DE FORCE**
[72] MARTIN, DUANE, US
[71] DIRECTDRIVE PLUS LLC, US
[22] 2018-09-10
[41] 2019-03-28
[30] US (62564410) 2017-09-28
[30] US (16124512) 2018-09-07

[21] **3,017,079**
[13] A1
[51] **Int.Cl. B65G 67/50 (2006.01) E21F 13/00 (2006.01) E21F 17/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND CONTROL METHOD FOR ROTARY CAR DUMPERS**
[54] **SYSTEME DE CONTROLE ET METHODE DE CONTROLE DESTINES A DES CULBUTEURS DE WAGON ROTATIFS**
[72] LOPES, BRUNO EDUARDO, BR
[72] RESENDE NETO, CELSON JOSE DE, BR
[72] CASTRO SILVA, WALDINIR LIMA, BR
[71] VALE S.A., BR
[22] 2018-09-11
[41] 2019-03-26
[30] BR (102017020555-0) 2017-09-26

[21] **3,017,080**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/021 (2018.01)**
[25] EN
[54] **METHOD FOR EXCHANGING INFORMATION CONCERNING A PRODUCT AND A CORRESPONDING SYSTEM**
[54] **METHODE D'ECHANGE D'INFORMATION CONCERNANT UN PRODUIT ET SYSTEME CORRESPONDANT**
[72] BIANCHI, ANDREA, FR
[71] ENOSOCIAL S.R.L., IT
[22] 2018-09-10
[41] 2019-03-28
[30] IT (102017000109087) 2017-09-28

[21] **3,017,086**
[13] A1
[51] **Int.Cl. B60R 21/02 (2006.01) B60N 3/02 (2006.01)**
[25] EN
[54] **RESTRAINT SYSTEM FOR A DRIVER OF A VEHICLE**
[54] **SYSTEME DE RETENUE DESTINE A UN CONDUCTEUR D'UN VEHICULE**
[72] SAUERMANN, JOHANN, DE
[71] HSM HANS SAUERMANN GMBH & CO.KG, DE
[22] 2018-09-11
[41] 2019-03-28
[30] DE (DE 20 2017 005 064.1) 2017-09-28

[21] **3,017,113**
[13] A1
[51] **Int.Cl. H01P 1/16 (2006.01) H01P 1/161 (2006.01) H01P 5/12 (2006.01) H01Q 15/24 (2006.01) H01Q 21/24 (2006.01)**
[25] EN
[54] **POWER DIVIDER FOR AN ANTENNA COMPRISING FOUR IDENTICAL ORTHOMODE TRANSDUCERS**
[54] **DIVISEUR DE PUISSANCE DESTINE A UNE ANTENNE COMPORTANT QUATRE TRANSDUCTEURS ORTHOMODES IDENTIQUES**
[72] FRAYSSE, JEAN-PHILIPPE, FR
[72] LEGAY, HERVE, FR
[72] TUBAU, SEGOLENE, FR
[71] THALES, FR
[22] 2018-09-12
[41] 2019-03-28
[30] FR (1700993) 2017-09-28

[21] **3,017,129**
[13] A1
[51] **Int.Cl. A61B 5/042 (2006.01) A61B 5/053 (2006.01) A61B 5/06 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **HIGHLIGHTING REGION FOR RE-ABLATION**
[54] **SURLIGNAGE DE REGION DE REABLATION**
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-09-12
[41] 2019-03-29
[30] US (15/720,650) 2017-09-29

[21] **3,017,147**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 5/042 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **ABLATION SIZE ESTIMATION AND VISUAL REPRESENTATION**
[54] **ESTIMATION DE LA TAILLE D'ABLATION ET REPRESENTATION VISUELLE**
[72] BAR-TAL, MEIR, IL
[72] TURGEMAN, AHARON, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-09-12
[41] 2019-03-29
[30] US (15/721,042) 2017-09-29

[21] **3,017,218**
[13] A1
[51] **Int.Cl. F16K 51/00 (2006.01) F16L 3/24 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **VALVE SUPPORT APPARATUS**
[54] **APPPAREIL DE SUPPORT DE VALVE**
[72] SIXSMITH, THOMAS G., US
[71] GEORG FISCHER LLC, US
[22] 2018-09-12
[41] 2019-03-28
[30] US (15/719,403) 2017-09-28

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[13] A1
[51] **Int.Cl. F16K 39/00 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **REGULATING OVERTRAVEL IN BI-FURCATED PLUGS FOR USE IN VALVE ASSEMBLIES**
[54] **REGULATION DU DEPASSEMENT DE COURSE DANS LES BOUCHONS BIFURQUES DESTINEE A DES ENSEMBLES DE VALVE**
[72] CUNNINGHAM, THOMAS HENRY, US
[71] DRESSER, LLC, US
[22] 2018-09-13
[41] 2019-03-25
[30] US (15/714,584) 2017-09-25

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[51] **Int.Cl. F04B 53/00 (2006.01) F04B 15/04 (2006.01) F17D 3/12 (2006.01)**
[25] EN
[54] **CONTAINING FLUID LEAKS ON ADDITIVE PUMPS**
[54] **CONFINEMENT DE FUITES DE LIQUIDE SUR LES POMPES ADDITIVES**
[72] FOWLER, ROBERT ERLING, US
[72] KONDURI, RAMESH, US
[72] SCHOPPE, MATTHEW WALTER, US
[71] DRESSER, LLC, US
[22] 2018-09-13
[41] 2019-03-27
[30] US (15/717,505) 2017-09-27

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[13] A1
[51] **Int.Cl. G01M 13/00 (2019.01) G06N 20/00 (2019.01) G01M 15/14 (2006.01)**
[25] EN
[54] **MACHINE LEARNING SYSTEM FOR IN-SITU RECOGNITION OF COMMON LOCATIONS IN A ROTATABLE BODY WITH REPEATING SEGMENTS**
[54] **SYSTEME D'APPRENTISSAGE MACHINE DESTINE A LA RECONNAISSANCE SUR PLACE D'EMPLACEMENTS COMMUNS DANS UN CORPS PIVOTANT COMPORTANT DES SEGMENTS REPETES**
[72] LIM, SER NAM, US
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-09-13
[41] 2019-03-25
[30] US (15/714,208) 2017-09-25

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[13] A1
[51] **Int.Cl. B29C 45/72 (2006.01) B29C 45/17 (2006.01) B29C 45/76 (2006.01)**
[25] EN
[54] **INJECTION MOLDING ASSEMBLY WITH COOLING INSERT**
[54] **ASSEMBLAGE DE MOULAGE PAR INJECTION DOTE D'UNE INSERTION DE REFROIDISSEMENT**
[72] FONTAINE, BRANDON, US
[71] FONTAINE, BRANDON, US
[22] 2018-09-14
[41] 2019-03-26
[30] US (15/716,043) 2017-09-26

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[51] **Int.Cl. F24C 3/12 (2006.01) A47J 37/07 (2006.01) F16K 11/076 (2006.01) F16K 11/083 (2006.01)**
[25] EN
[54] **SINGLE VALVE FOR GAS WITH MULTIPLE BURNERS**
[54] **VALVE DE GAZ COMPORTANT DES BRULEURS MULTIPLES**
[72] KALISIAK, ANTON, US
[71] WEBER-STEPHEN PRODUCTS LLC, US
[22] 2018-09-14
[41] 2019-03-25
[30] US (15/695,123) 2017-09-25

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[51] **Int.Cl. C09J 7/20 (2018.01) C09J 7/30 (2018.01) B65H 19/18 (2006.01)**
[25] EN
[54] **ADHESIVE TAPE AND FLAT WEB MATERIAL COMPRISING SUCH TAPE**
[54] **RUBAN ADHESIF ET MATERIAU DE TOILE PLAT COMPORTANT UN TEL RUBAN**
[72] CZERWONATIS, NIELS, DE
[72] WALPER, MARCO, DE
[71] TESA SE, DE
[22] 2018-09-18
[41] 2019-03-26
[30] DE (10 2017 217 094.8) 2017-09-26

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[25] EN
[54] **OPERATING SYSTEM FOR AN ARCHITECTURAL-STRUCTURE COVERING**
[54] **SYSTEME D'UTILISATION D'UN REVETEMENT DE STRUCTURE ARCHITECTURALE**
[72] SMITH, STEPHEN P., US
[72] BUCCOLA, NICHOLAS, US
[71] HUNTER DOUGLAS INC., US
[22] 2018-09-18
[41] 2019-03-29
[30] US (62/565,442) 2017-09-29
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[51] **Int.Cl. F24F 1/04 (2011.01) A62B 11/00 (2006.01) F24F 3/16 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **PORTABLE AIR CONDITIONER FOR LOW MICROBE AND LOW PARTICULATE ENVIRONMENTS**
[54] **CONDITIONNEUR D'AIR PORTATIF DESTINE A DES ENVIRONNEMENTS AYANT UNE FAIBLE PRESENCE DE MICROBES ET DE PARTICULES**
[72] VOLLE, MICHAEL, US
[71] DIVERSITY INDUSTRIES, INC., US
[22] 2018-09-17
[41] 2019-03-28
[30] US (62/564,533) 2017-09-28
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[51] **Int.Cl. E04F 11/18 (2006.01)**
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[54] **FASCIA MOUNTED RAILING SYSTEM**
[54] **SYSTEME DE RAIL INSTALLE SUR LA BORDURE DE TOIT**
[72] HANSEN, TRACY C., US
[71] C.R. LAURENCE CO., INC., US
[22] 2018-09-18
[41] 2019-03-28
[30] US (15/718,517) 2017-09-28

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[51] **Int.Cl. H05B 37/02 (2006.01) H02J 1/00 (2006.01)**
[25] EN
[54] **SELF-DIMMING LED SYSTEM**
[54] **SYSTEME A DEL AUTOGRADATEUR**
[72] FIFIELD, JON M., US
[72] MCCREA, BRUCE G., US
[72] JACKSON, DANIEL P., US
[72] ZLATEV, ANTON, US
[71] ASTRONICS ADVANCED ELECTRONIC SYSTEMS CORP., US
[22] 2018-09-18
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[51] **Int.Cl. B64C 39/02 (2006.01) B64C 1/00 (2006.01) B64D 27/24 (2006.01) B64D 37/04 (2006.01) B64D 37/30 (2006.01)**
[25] FR
[54] **DRONE COMPRISING AT LEAST ONE ELECTRIC PROPULSION MOTOR AND ONE ENERGY SOURCE LIKE A FUEL CELL**
[54] **DRONE COMPORTANT AU MOIMS UN MOTEUR ELECTRIQUE DE PROPULSION ET UNE SOURCE D'ENERGIE DE TYPE PILE A COMBUSTIBLE**
[72] THOMASSEY, LIONEL, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2018-09-18
[41] 2019-03-29
[30] FR (1771033) 2017-09-29

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[25] EN
[54] **REBREATHER SYSTEM**
[54] **SYSTEME DE REINHALATEUR**
[72] RAYMAEKERS, PAUL, BE
[71] MARES S.P.A., IT
[22] 2018-09-19
[41] 2019-03-25
[30] IT (102017000106726) 2017-09-25

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[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) H04W 12/02 (2009.01) H04W 4/42 (2018.01) H04L 29/12 (2006.01)**
[25] EN
[54] **FLIGHT CREW CONNECTIVITY SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE CONNECTIVITE D'EQUIPE DE VOL**
[72] AVILA, STEVEN J., US
[72] SANCHEZ, ANTONIO, US
[72] BARON, JOHN P., US
[72] ELLIS, DANIEL J., US
[71] THE BOEING COMPANY, US
[22] 2018-09-19
[41] 2019-03-27
[30] US (15/717731) 2017-09-27

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[51] **Int.Cl. G01S 5/04 (2006.01) H04W 64/00 (2009.01) H04W 80/02 (2009.01) H04W 4/029 (2018.01)**
[25] EN
[54] **DEVICE LOCATING USING ANGLE OF ARRIVAL MEASUREMENTS**
[54] **REPERAGE DE DISPOSITIF AU MOYEN DE MESURES DE L'ANGLE D'ARRIVEE**
[72] ABOU-RIZK, MITRI J., US
[72] GEORGE, SAJIN, US
[71] ABL IP HOLDING LLC, US
[22] 2018-09-19
[41] 2019-03-29
[30] US (15/719,870) 2017-09-29

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[13] A1
[51] **Int.Cl. G05D 23/19 (2006.01) H04W 84/10 (2009.01) H04W 4/30 (2018.01)**
[25] EN
[54] **STAND-ALONE PROGRAMMABLE THERMOSTAT AND METHOD FOR TRANSMITTING HEATING DATA TO THERMOSTAT**
[54] **THERMOSTAT PROGRAMMABLE AUTONOME ET METHODE DE TRANSMISSION DE DONNEES DE CHAUFFAGE AU THERMOSTAT**
[72] RISTIMAKI, TAPIO, FI
[71] RISTIMAKI, TAPIO, FI
[22] 2018-09-19
[41] 2019-03-27
[30] NO (20171547) 2017-09-27
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[51] **Int.Cl. B32B 27/08 (2006.01) A47K 3/00 (2006.01) A47K 3/30 (2006.01) B32B 27/04 (2006.01) B32B 27/12 (2006.01) B32B 37/00 (2006.01) E04C 2/24 (2006.01) E04F 13/077 (2006.01)**
[25] EN
[54] **PANEL FOR BATHROOM APPLICATIONS AND METHOD FOR FABRICATING THE SAME**
[54] **PANNEAU DESTINE A DES APPLICATIONS DE SALLE DE BAIN ET METHODE DE FABRICATION ASSOCIEE**
[72] STONECIPHER, RICK, US
[72] STONECIPHER, SCOTT, US
[72] RICE, WILL, US
[72] BURDETTE, JASON, US
[71] AMERICAN BATH GROUP, LLC, US
[22] 2018-09-19
[41] 2019-03-25
[30] US (62/562,957) 2017-09-25

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[13] A1
[51] **Int.Cl. F27B 7/36 (2006.01) F27D 25/00 (2010.01) C04B 2/10 (2006.01) F27D 3/16 (2006.01) F27D 7/02 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR REDUCING RINGING IN LIME KILNS**
[54] **PROCEDE ET SYSTEME DE REDUCTION DE TINTEMENT DANS LES FOURS A CHAUX**
[72] PELTONEN, KIMMO, US
[71] ANDRITZ INC., US
[22] 2018-09-20
[41] 2019-03-27
[30] US (62/564,087) 2017-09-27
[30] US (16/133,365) 2018-09-17

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[13] A1
[51] **Int.Cl. A01D 91/04 (2006.01) A01D 23/02 (2006.01) A01D 45/00 (2018.01)**
[25] EN
[54] **HARVESTING TECHNIQUE FOR SEPARATE COLLECTION AND PROCESSING OF LEAFY/FLOWER-BUDDED CROP CANOPY AND REMNANT LOWER STALK**
[54] **TECHNIQUE DE RECOLTE POUR LA CUEILLETTE ET LE TRAITEMENT SEPARES DE COUVERT DE CULTURES FEUILLUES/BOURGEONNANTES ET DE TIGES INFERIEURES RESTANTES**
[72] BATES, LYALL D., CA
[71] BATES, LYALL D., CA
[22] 2018-09-20
[41] 2019-03-26
[30] CA (3,016,056) 2018-08-31

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[51] **Int.Cl. C12N 1/14 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12P 1/02 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01)**
[25] FR
[54] **HYPERPRODUCTIVE TRICHODERMA REESEI STRAIN FEATURING IMPROVED .BETA.-GLUCOSIDASE ACTIVITY**
[54] **SOUCHE DE TRICHODERMA REESEI HYPERPRODUCTRICE ET PRESENTANT UNE ACTIVITE .BETA.-GLUCOSIDASE AMELIOREE**
[72] BIDARD-MICHELOT, FREDERIQUE, FR
[72] CHAN HO TONG, LAETITIA, FR
[72] MARGEOT, ANTOINE, FR
[72] COHEN, CELINE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2018-09-19
[41] 2019-03-29
[30] FR (17 59144) 2017-09-29

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[51] **Int.Cl. F16L 51/00 (2006.01) F16L 11/02 (2006.01) F16L 11/04 (2006.01) F16L 11/20 (2006.01) F16L 51/02 (2006.01)**
[25] EN
[54] **WATER PIPE WITH SYNCHRONOUSLY RETRACTABLE MULTI-LAYER**
[54] **TUYAU D'EAU A MULTICOUCHE RETRACTABLE SIMULTANEMENT**
[72] DAI, SONGLIN, CN
[71] ZHEJIANG HELEN PLASTIC CO., LTD., CN
[22] 2018-09-21
[41] 2019-03-25
[30] CN (201721235801.1) 2017-09-25
[30] CN (201721826273.7) 2017-12-22
[30] CN (201810011674.X) 2018-01-05

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[25] EN
[54] **WEAR-RESISTANT MULTI-LAYER RETRACTABLE WATER PIPE**
[54] **TUYAU D'EAU RETRACTABLE MULTICOUCHE ETANCHE**
[72] DAI, SONGLIN, CN
[71] ZHEJIANG HELEN PLASTIC CO., LTD., CN
[22] 2018-09-24
[41] 2019-03-25
[30] CN (201710871440.8) 2017-09-25
[30] CN (201711406241.6) 2017-12-22
[30] CN (201721824879.7) 2017-12-22

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[51] **Int.Cl. B29C 70/24 (2006.01) B64F 5/10 (2017.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **FIBRE COMPOSITE COMPONENT AND METHOD FOR THE PRODUCTION THEREOF, AND WING STRUCTURE**
[54] **COMPOSANT DE COMPOSITE A FIBRES ET METHODE DE PRODUCTION ASSOCIEE, ET STRUCTURE D'AILE**
[72] JUNG, MANUEL, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2018-09-24
[41] 2019-03-28
[30] DE (102017217339-4) 2017-09-28

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[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **MULTIPLE PRESSURE MIXED REFRIGERANT COOLING PROCESS**
[54] **PROCEDE DE REFROIDISSEMENT DE REFRIGERANT MELANGE A PRESSION MULTIPLE**
[72] KRISHNAMURTHY, GOWRI, US
[72] ROBERTS, MARK JULIAN, US
[72] BROSTOW, ADAM ADRIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2018-09-24
[41] 2019-03-28
[30] US (15/718,068) 2017-09-28

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[13] A1
[51] **Int.Cl. E06B 1/04 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **MULLING SYSTEM FOR A WINDOW ASSEMBLY**
[54] **SYSTEME DE MOUSSELINE DESTINE A UN ENSEMBLE DE FENETRE**
[72] LUVISON, MICHAEL, US
[71] ASSOCIATED MATERIALS, LLC, US
[22] 2018-09-21
[41] 2019-03-25
[30] US (15/714711) 2017-09-25

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[51] **Int.Cl. B01J 29/46 (2006.01) B01D 53/047 (2006.01)**
[25] EN
[54] **RHO ADSORBENT COMPOSITIONS, METHODS OF MAKING AND USING THEM**
[54] **COMPOSITIONS RHO ADSORBANTES, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] LOZINSKA, MAGDALENA M., GB
[72] WRIGHT, PAUL A., GB
[72] BRUCE, ELLIOTT L., GB
[72] CASTEEL, WILLIAM JACK, JR., US
[72] BHADRA, SHUBHRA JYOTI, US
[72] QUINN, ROBERT, US
[72] CHI-HO LAU, GARRET, US
[72] SORENSEN, ERIN MARIE, US
[72] WHITLEY, ROGER DEAN, US
[72] GOLDEN, TIMOTHY CHRISTOPHER, FR
[72] KALBASSI, MOHAMMAD ALI, GB
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2018-09-24
[41] 2019-03-28
[30] US (15/718,467) 2017-09-28

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[13] A1
[51] **Int.Cl. B61D 29/00 (2006.01) B60Q 1/26 (2006.01) B61D 49/00 (2006.01)**
[25] FR
[54] **RAIL VEHICLE INCLUDING A LUMINOUS STRIP**
[54] **VEHICULE FERROVIAIRE COMPRENANT UNE BANDE LUMINEUSE**
[72] FAURE, BERTRAND, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-09-21
[41] 2019-03-29
[30] FR (17 59 112) 2017-09-29

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[13] A1
[51] **Int.Cl. G01F 23/30 (2006.01)**
[25] EN
[54] **LIQUID GAS LEVEL MEASURING SYSTEM**
[54] **SYSTEME DE MESURE DE NIVEAU DE GAZ LIQUIDE**
[72] GABRYS, MAREK, PL
[71] AIUT SP. Z O.O., PL
[22] 2018-09-24
[41] 2019-03-29
[30] EP (17461616.9) 2017-09-29

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[13] A1
[51] **Int.Cl. G01V 99/00 (2009.01) E21B 41/00 (2006.01) G01V 1/30 (2006.01)**
[25] EN
[54] **DYNAMIC RESERVOIR CHARACTERIZATION**
[54] **CARACTERISATION DE RESERVOIR DYNAMIQUE**
[72] WILLIAMS, BRENNIG, GB
[72] SHAYKHATTAROV, MARAT, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2018-09-24
[41] 2019-03-24
[30] US (62/562485) 2017-09-24

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[13] A1
[51] **Int.Cl. F25J 5/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **MULTIPLE PRESSURE MIXED REFRIGERANT COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DE REFRIGERANT MELANGE A PRESSION MULTIPLE**
[72] KRISHNAMURTHY, GOWRI, US
[72] ROBERTS, MARK JULIAN, US
[72] BROSTOW, ADAM ADRIAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2018-09-24
[41] 2019-03-28
[30] US (15/718,132) 2017-09-28

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[13] A1
[51] **Int.Cl. G01M 3/16 (2006.01) H01B 7/02 (2006.01) H01B 7/32 (2006.01) H01B 11/00 (2006.01)**
[25] EN
[54] **LEAK DETECTOR WITH SENSING CABLE**
[54] **DETECTEUR DE FUITE EQUIPE D'UN CABLE DE DETECTION**
[72] CAVALHEIRO, LUCAS, CA
[72] LAURENCE, BRENT, CA
[72] MAK, NATHAN, CA
[71] ECOBEE INC., CA
[22] 2018-09-24
[41] 2019-03-25
[30] US (62/562651) 2017-09-25

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[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/62 (2006.01) B01J 29/00 (2006.01)**
[25] EN
[54] **PROCESSES USING IMPROVED RHO ADSORBENT COMPOSITIONS**
[54] **PROCEDE EMPLOYANT DES COMPOSITIONS ADSORBANTES RHO AMELIOREES**
[72] BHADRA, SHUBHRA JYOTI, US
[72] WHITLEY, ROGER DEAN, US
[72] CASTEEL, WILLIAM JACK, JR., US
[72] GOLDEN, TIMOTHY CHRISTOPHER, FR
[72] CHI-HO LAU, GARRET, US
[72] SORENSEN, ERIN MARIE, US
[72] QUINN, ROBERT, US
[72] LOZINSKA, MAGDALENA M., GB
[72] WRIGHT, PAUL A., GB
[72] KALBASSI, MOHAMMAD ALI, GB
[71] AIR PRODUCTS AND CHEMICALS, INC., US
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[41] 2019-03-28
[30] US (15/718,620) 2017-09-28

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[13] A1
[51] **Int.Cl. C07D 233/64 (2006.01) A61K 9/00 (2006.01) A61K 31/417 (2006.01) A61K 31/455 (2006.01) A61P 1/00 (2006.01) A61P 25/04 (2006.01) C07D 213/80 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE FORM OF ELUXADOLINE**
[54] **NOUVELLE FORME CRISTALLINE D'ELUXADOLINE**
[72] SOUZA, FABIO E.S., CA
[72] KHALILI, BAHAREH, CA
[72] BHATTACHARYYA, ANNYT, CA
[71] APOTEX INC., CA
[22] 2018-09-21
[41] 2019-03-25
[30] US (62/562,654) 2017-09-25

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[13] A1
[51] **Int.Cl. B01D 53/26 (2006.01)**
[25] EN
[54] **FUEL DEHYDRATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DESHYDRATATION DE CARBURANT**
[72] MANNS, DARREN G., CA
[72] WEEDEN, DANIEL, CA
[71] MANNS, DARREN G., CA
[71] WEEDEN, DANIEL, CA
[22] 2018-09-24
[41] 2019-03-26
[30] US (62/563,125) 2017-09-26

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[13] A1
[51] **Int.Cl. H02K 16/00 (2006.01) H02K 1/20 (2006.01) H02K 1/27 (2006.01) H02K 1/32 (2006.01)**
[25] EN
[54] **MODULAR POWER GENERATION DEVICE AND MODULAR MOTOR**
[54] **DISPOSITIF DE PRODUCTION D'ENERGIE MODULAIRE ET MOTEUR MODULAIRE**
[72] LIN, TSENG-CHENG, CN
[72] LIN, HSIANG-HUA, CN
[71] SUMAN CORPORATION, CN
[22] 2018-09-24
[41] 2019-03-29
[30] TW (106133624) 2017-09-29

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[13] A1
[51] **Int.Cl. B28B 7/42 (2006.01) B28B 11/08 (2006.01) B28B 17/02 (2006.01) B28D 1/30 (2006.01) C04B 14/06 (2006.01) C04B 26/02 (2006.01)**
[25] EN
[54] **CURVED SLAB SURFACES, SYSTEMS, AND METHODS**
[54] **SURFACES DE DALLE COURBEES, SYSTEMES ET METHODES**
[72] TOLZMAN, CRAIG, US
[72] SCOGGIN, BRIAN R., US
[72] GRZESKOWIAK, JON LOUIS, II, US
[72] DAVIS, MARTIN E., US
[71] CAMBRIA COMPANY LLC, US
[22] 2018-09-25
[41] 2019-03-25
[30] US (15/714,827) 2017-09-25

[21] **3,018,470**
[13] A1
[51] **Int.Cl. G06T 5/50 (2006.01) G06T 7/13 (2017.01) G06T 7/90 (2017.01) G06T 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF CAPTURING AN IMAGE OF A CARD**
[54] **METHODE ET SYSTEMES DE CAPTURE D'IMAGE D'UNE CARTE**
[72] GIVOL, DAN, US
[72] KUMAR, ANAND, US
[72] ZEARFOSS, PATRICK, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-09-25
[41] 2019-03-25
[30] US (15/714580) 2017-09-25

[21] **3,018,475**
[13] A1
[51] **Int.Cl. G01N 23/221 (2006.01) G21C 17/017 (2006.01) G21C 1/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSAYING AN OBJECT**
[54] **PROCEDES ET SYSTEMES D'ESSAI D'UN OBJET**
[72] STOEV, KRASSIMIR, CA
[72] HORN, DAG, CA
[71] ATOMIC ENERGY OF CANADA LIMITED/ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
[22] 2018-09-25
[41] 2019-03-29
[30] US (62/565632) 2017-09-29

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[13] A1
[51] **Int.Cl. G09B 5/02 (2006.01) G06F 17/10 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **IMAGE CREATION AND ASSESSMENT METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE CREATION ET EVALUATION D'UNE IMAGE**
[72] ROSSOL, NATHANIEL, CA
[72] ZAIANE, OSMAR, CA
[71] VARAFY CORPORATION, CA
[22] 2018-09-25
[41] 2019-03-29
[30] US (62/565,259) 2017-09-29

[21] **3,018,480**
[13] A1
[51] **Int.Cl. B65D 43/16 (2006.01) B42D 15/02 (2006.01) B65D 1/22 (2006.01) B65D 25/02 (2006.01)**
[25] EN
[54] **PRESENTATION BOX FOR A TRANSACTION CARD**
[54] **BOITE DE PRESENTATION D'UNE CARTE DE TRANSACTION**
[72] KOEPPEL, ADAM, US
[72] JOHNSON, MOLLY, US
[72] JENSEN, NATASHA, US
[72] CLIFTON, DANIEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-09-25
[41] 2019-03-28
[30] US (15/719098) 2017-09-28

[21] **3,018,489**
[13] A1
[51] **Int.Cl. H01H 71/14 (2006.01) H01R 13/713 (2006.01) H02H 5/04 (2006.01)**
[25] EN
[54] **RECEPTACLE, CIRCUIT PROTECTION SYSTEM, AND CIRCUIT INTERRUPTER WITH OVER-TEMPERATURE DETECTION**
[54] **PRISE, SYSTEME DE PROTECTION DE CIRCUIT ET INTERRUPTEUR DE CIRCUIT A DETECTION DE DEPASSEMENT DE TEMPERATURE**
[72] SCHMALZ, STEVEN CHRISTOPHER, US
[72] ZHOU, XIN, US
[72] KADAM, NILESH ANKUSH, US
[72] RATHI, ABHIJEET NITIN, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-09-25
[41] 2019-03-27
[30] US (15/716922) 2017-09-27

[21] **3,018,498**
[13] A1
[51] **Int.Cl. B81C 1/00 (2006.01) B81B 1/00 (2006.01) B81B 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A MICROTMECHANICAL ELEMENT**
[54] **METHODE DE PRODUCTION D'UN ELEMENT MICROMECANIQUE**
[72] KUHNKE, MARKUS, DE
[72] STAHL, HEIKO, DE
[72] MAJONI, STEFAN, DE
[71] ROBERT BOSCH GMBH, DE
[22] 2018-09-25
[41] 2019-03-25
[30] DE (10 2017 216 941.9) 2017-09-25

[21] **3,018,515**
[13] A1
[51] **Int.Cl. H04W 72/08 (2009.01) H04W 52/24 (2009.01) H04B 17/318 (2015.01) H01Q 3/00 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **METHOD OF ALLOCATING FREQUENCY RESOURCES FOR A SATELLITE TELECOMMUNICATION SYSTEM**
[54] **METHODE D'ATTRIBUTION DE RESSOURCES DE FREQUENCE A UN SYSTEME DE TELECOMMUNICATION PAR SATELLITE**
[72] GAYRARD, JEAN-DIDIER, FR
[71] THALES, FR
[22] 2018-09-25
[41] 2019-03-26
[30] FR (1700986) 2017-09-26

[21] **3,018,516**
[13] A1
[51] **Int.Cl. B29C 43/24 (2006.01)**
[25] EN
[54] **CASTING APPARATUS FOR MANUFACTURING POLYMER FILM**
[54] **APPAREIL DE COULAGE DESTINE A LA FABRICATION D'UNE PELLICULE DE POLYMERE**
[72] CHRISTIANO, JOHN P., US
[72] SMITH, EDWARD J., US
[72] MERCKEL, ANDREW A., US
[71] DAVIS-STANDARD, LLC, US
[22] 2018-09-25
[41] 2019-03-26
[30] US (62/563,411) 2017-09-26

[21] **3,018,518**
[13] A1
[51] **Int.Cl. H01L 23/52 (2006.01) H01L 21/30 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AT LEAST ONE VIA IN A WAFER**
[54] **METHODE DE PRODUCTION D'AU MOINS UN CHEMIN SUR UNE GAUFFRETTE**
[72] STAHL, HEIKO, DE
[72] REINMUTH, JOCHEN, DE
[72] KUHNKE, MARKUS, DE
[72] MAJONI, STEFAN, DE
[72] SCHARY, TIMO, DE
[71] ROBERT BOSCH GMBH, DE
[22] 2018-09-25
[41] 2019-03-25
[30] DE (10 2017 216 937.0) 2017-09-25

[21] **3,018,523**
[13] A1
[51] **Int.Cl. C12N 1/14 (2006.01) C12N 9/00 (2006.01) C12N 11/04 (2006.01) C12P 1/02 (2006.01)**
[25] FR
[54] **MORPHOLOGY MODIFICATION PROCESS FOR AGGREGATE COAGULATING TYPE FILAMENTOUS FUNGI**
[54] **PROCEDE DE MODIFICATION DE LA MORPHOLOGIE DE CHAMPIGNONS FILAMENTEUX AGREGES DE TYPE COAGULANT**
[72] DROUGARD, MARION, FR
[72] ANDRE, ESTELLE, FR
[72] JOURDIER, ETIENNE, FR
[72] BEN CHAABANE, MOHAMED FADHEL, FR
[72] PANNACCI, NICOLAS, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2018-09-24
[41] 2019-03-27
[30] FR (17 58 924) 2017-09-27

[21] **3,018,673**
[13] A1
[51] **Int.Cl. C12P 19/00 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01)**
[25] FR
[54] **ENZYMATIC HYDROLYZE PROCESS FROM A MIXTURE OF PRETREATED SUBSTRATES WITH DIFFERENT POROSITIES**
[54] **PROCEDE D'HYDROLYSE ENZYMATIQUE A PARTIR D'UN MELANGE DE SUBSTRATS PRETRAITES DE POROSITES DIFFERENTES**
[72] BATTISTA, FEDERICO, FR
[72] GOMEZ ALMENDROS, MELANIE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2018-09-25
[41] 2019-03-28
[30] FR (17 59 032) 2017-09-28

[21] **3,018,675**
[13] A1
[51] **Int.Cl. A01B 33/08 (2006.01) A01B 76/00 (2006.01) F16C 19/06 (2006.01) F16C 33/76 (2006.01) F16C 35/073 (2006.01)**
[25] EN
[54] **BEARING ASSEMBLY**
[54] **ENSEMBLE DE PALIER**
[72] ADAMS, MARC T., US
[72] CASAMENTO, PETER T., US
[71] G.B.G.I.,INC., US
[22] 2018-09-25
[41] 2019-03-26
[30] US (62/563,410) 2017-09-26
[30] US (16/140,021) 2018-09-24

[21] **3,018,679**
[13] A1
[51] **Int.Cl. B65D 85/00 (2006.01) A45B 1/00 (2006.01) A61H 3/02 (2006.01) B65D 5/42 (2006.01) B65D 73/00 (2006.01)**
[25] EN
[54] **DEVICE AND DISPLAY PACKAGE ASSEMBLY**
[54] **DISPOSITIF ET ENSEMBLE D'EMBALLAGE DE PRESENTATION**
[72] MARTIN, TAMBRA, US
[72] MILLER, CHRIS, US
[71] MEDLINE INDUSTRIES, INC., US
[22] 2018-09-25
[41] 2019-03-27
[30] US (62/564,125) 2017-09-27

[21] **3,018,681**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **ELECTRONIC PLATFORM FOR SELLING AND BUYING USED VEHICLES**
[54] **PLATEFORME ELECTRONIQUE SERVANT A VENDRE ET ACHETER DES VEHICULES USAGES**
[72] MARTIN, RAYMOND, CA
[71] PIPESET INC., CA
[22] 2018-09-26
[41] 2019-03-26
[30] US (62/563385) 2017-09-26

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **AUTOMATED SENSOR-BASED CUSTOMER IDENTIFICATION AND AUTHORIZATION SYSTEMS WITHIN A PHYSICAL ENVIRONMENT**
[54] **SYSTEMES D'AUTORISATION ET D'IDENTIFICATION DE CLIENT AUTOMATISES FONDES SUR UN CAPTEUR A L'INTERIEUR D'UN ENVIRONNEMENT PHYSIQUE**
[72] GABRIELE, DAVID, US
[72] SMITH, JUSTIN, US
[72] BARTH, DEVIN, US
[72] KROEBER, DAMARIS, DE
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-09-25
[41] 2019-03-25
[30] US (15/714,567) 2017-09-25

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[13] A1
[51] **Int.Cl. C08G 18/24 (2006.01) C08G 18/22 (2006.01) C08J 9/12 (2006.01) C08J 9/14 (2006.01)**
[25] EN
[54] **MIXED METAL CATALYST COMPOSITIONS AND METHODS FOR MAKING POLYURETHANE FOAM**
[54] **COMPOSITIONS DE CATALYSEURS METALLIQUES MIXTES ET METHODES DE FABRICATION DE MOUSSE DE POLYURETHANE**
[72] BENDER, JARED DENIS, US
[72] ROGERS, JOEL R., US
[72] VINCENT, JEAN LOUISE, US
[72] STEVENS, ROBERT EDWARD, US
[71] EVONIK DEGUSSA GMBH, DE
[22] 2018-09-25
[41] 2019-03-27
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[13] A1
[51] **Int.Cl. C12P 19/00 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) C12P 19/14 (2006.01)**
[25] FR
[54] **ENZYMATIC HYDROLYZE PROCESS IN SEQUENTIAL FEEDING WITH THE ADDITION OF PRETREATED SUBSTRATES MORE AND MORE DISTRIBUTED OVER TIME**
[54] **PROCEDE D'HYDROLYSE ENZYMATIQUE EN ALIMENTATION SEQUENTIELLE AVEC LES AJOUTS DU SUBSTRAT PRETRAITE DE PLUS EN PLUS ESPACES DANS LE TEMPS**
[72] BATTISTA, FEDERICO, FR
[72] ROUSSET, ROMAIN, FR
[72] GOMEZ ALMENDROS, MELANIE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2018-09-25
[41] 2019-03-28
[30] FR (17 59 033) 2017-09-28

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[13] A1
[51] **Int.Cl. H02B 1/26 (2006.01) H01F 27/04 (2006.01) H02G 3/08 (2006.01) H05K 5/06 (2006.01) F21K 9/00 (2016.01) F21V 31/00 (2006.01) H01F 30/00 (2006.01)**
[25] EN
[54] **POOL JUNCTION BOX WITH TRANSFORMER**
[54] **BOITE DE RACCORDEMENT POUR PISCINE EQUIPEE D'UN TRANSFORMATEUR**
[72] QUIRK, KYLE, US
[72] GREANEY, ANDREW, US
[72] GALLAGHER, DONALD, US
[72] NELSON, RUSSELL, US
[71] INTERMATIC INCORPORATED, US
[22] 2018-09-26
[41] 2019-03-27
[30] US (15/717243) 2017-09-27

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[13] A1
[51] **Int.Cl. A01D 57/20 (2006.01) B65G 23/44 (2006.01)**
[25] EN
[54] **AGRICULTURAL CONVEYOR WITH HYDRAULICALLY ADJUSTED CONVEYOR BELT TENSION AND DRIVE BELT TENSION**
[54] **TRANSPORTEUR AGRICOLE A TENSION DE COURROIE DE TRANSPORTEUR AJUSTEE DE MANIERE HYDRAULIQUE ET TENSION DE COURROIE D'ENTRAINEMENT**
[72] MARTENS, RANDY D., CA
[72] DRIEDGER, JOHN D., CA
[72] REMPEL, JEROMY D., CA
[71] KINETIC AG LTD., CA
[22] 2018-09-26
[41] 2019-03-28
[30] US (62564696) 2017-09-28

[21] **3,018,726**
[13] A1
[51] **Int.Cl. H02M 1/00 (2007.10) H02S 40/32 (2014.01) H02J 3/38 (2006.01)**
[25] EN
[54] **GRID-SUPPORTING INVERTERS WITH SIGNIFICANTLY REDUCED STORAGE REQUIREMENTS**
[54] **ONDULEURS PRENANT EN CHARGE LE RESEAU AYANT DES EXIGENCES DE STOCKAGE GRANDEMENT REDUITES**
[72] KHAJEHODDIN, ALI, CA
[72] GHARTEMANI, MASOUD KARIMI, CA
[72] EBRAHIMI, MOHAMMAD, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2018-09-26
[41] 2019-03-26
[30] US (62/563,238) 2017-09-26

[21] **3,018,742**
[13] A1
[51] **Int.Cl. F21S 4/28 (2016.01) F21K 9/00 (2016.01) F21S 4/20 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LAMP STRIP**
[54] **BANDE D'ECLAIRAGE**
[72] LIU, HUABO, CN
[72] LI, XIAOPING, CN
[71] GUANGDONG OML TECHNOLOGY CO., LTD, CN
[22] 2018-09-26
[41] 2019-03-26
[30] CN (201721244900.6) 2017-09-26

[21] **3,018,823**
[13] A1
[51] **Int.Cl. G06F 9/44 (2018.01) G06Q 40/02 (2012.01) H04W 4/30 (2018.01)**
[25] EN
[54] **APPARATUS AND METHOD TO SECURELY INSTRUCT AN ORDER BY EFFICIENTLY INVOKING A PROGRAM APPLICATION ON A COMPUTING DEVICE**
[54] **APPAREIL ET METHODE D'INSTRUCTION SECURISEE D'UN ORDRE EN INVOQUANT EFFICACEMENT UNE APPLICATION DE PROGRAMME SUR UN APPAREIL INFORMATIQUE**
[72] SARIR, NASIM, CA
[72] HORVATH, PETER, CA
[72] KARBASI, MARYAM, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2018-09-27
[41] 2019-03-27
[30] US (62/563,774) 2017-09-27

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[13] A1
[51] **Int.Cl. C10M 141/00 (2006.01) C10M 125/22 (2006.01) C10M 125/26 (2006.01) C10M 135/18 (2006.01) C10M 137/10 (2006.01) C10M 137/14 (2006.01) C10M 139/00 (2006.01) C10M 159/20 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO LUBRICATING COMPOSITIONS**
[54] **AMELIORATIONS CONCERNANT LES COMPOSITIONS LUBRIFIANTES**
[72] SHAW, ROBERT WILLIAM, GB
[72] CRICK, SIMON ROBERT, GB
[72] FOSTER, CARINA, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2018-09-27
[41] 2019-03-27
[30] EP (17193419.3) 2017-09-27

[21] **3,018,830**
[13] A1
[51] **Int.Cl. H05K 5/06 (2006.01) H01Q 1/38 (2006.01) H01Q 1/40 (2006.01)**
[25] EN
[54] **FOIL LAMINATE FOR HERMETIC ENCLOSURES**
[54] **LAMELLE METALLIQUE DESTINE A DES ENCEINTES HERMETIQUES**
[72] SHOWCATALLY, SHAWN, US
[71] ITRON, INC., US
[22] 2018-09-26
[41] 2019-03-29
[30] US (15/721,304) 2017-09-29

[21] **3,018,831**
[13] A1
[51] **Int.Cl. B29C 65/34 (2006.01)**
[25] EN
[54] **METHOD FOR THE RESISTANCE WELDING OF FIBRE-COMPOSITE COMPONENTS TO GIVE A FIBRE-COMPOSITE STRUCTURE, FIBRE-COMPOSITE STRUCTURE AND FIBRE-COMPOSITE COMPONENT**
[54] **METHODE DE SOUDAGE PAR RESISTANCE DE COMPOSANTES EN COMPOSITE A FIBRES POUR DONNER UNE STRUCTURE EN COMPOSITE A FIBRES, STRUCTURE EN COMPOSITE A FIBRES ET COMPOSANTE EN COMPOSITE A FIBRES**
[72] LINDE, PETER, DE
[72] HELTSCH, NORBERT, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2018-09-27
[41] 2019-03-28
[30] DE (102017217294.0) 2017-09-28

[21] **3,018,835**
[13] A1
[51] **Int.Cl. F16K 11/24 (2006.01) F15C 3/00 (2006.01) F16K 31/06 (2006.01) G05D 7/06 (2006.01) H05K 1/18 (2006.01)**
[25] EN
[54] **VALVE MANIFOLD CIRCUIT BOARD WITH SERIAL COMMUNICATION AND CONTROL CIRCUIT LINE**
[54] **PANNEAU DE CIRCUIT DE COLLECTEUR DE SOUPAPE DOTE DE COMMUNICATION EN SERIE ET D'UNE LIGNE DE CIRCUIT DE COMMANDE**
[72] DE CAROLIS, ENRICO, US
[72] HERIOT, SCOTT, US
[72] GRISSOM, BRIAN, US
[71] ASCO, L.P., US
[22] 2018-09-27
[41] 2019-03-29
[30] US (15/720535) 2017-09-29

[21] **3,018,850**
[13] A1
[51] **Int.Cl. A61C 7/14 (2006.01)**
[25] EN
[54] **ORTHODONTIC BRACKET**
[54] **SUPPORT ORTHODONTIQUE**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
[22] 2018-09-27
[41] 2019-03-27
[30] US (62/563771) 2017-09-27
[30] US (15/827184) 2017-11-30

[21] **3,018,854**
[13] A1
[51] **Int.Cl. A61H 39/00 (2006.01) A61H 39/04 (2006.01)**
[25] EN
[54] **PRESSURE APPLICATION DEVICE AND METHOD**
[54] **DISPOSITIF APPLICATEUR DE PRESSION ET METHODE**
[72] COOPER, MELODY, CA
[71] COOPER, MELODY, CA
[22] 2018-09-27
[41] 2019-03-29
[30] US (15721399) 2017-09-29

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[13] A1
[51] **Int.Cl. B29C 64/118 (2017.01) B33Y 40/00 (2015.01) B33Y 50/02 (2015.01) B01F 15/02 (2006.01)**
[25] EN
[54] **MULTI-PART MATERIAL MIXING AND EXTRUSION FOR THREE-DIMENSIONAL (3D) PRINTING**
[54] **MELANGE DE MATERIAUX EN PLUSIEURS PARTIES ET EXTRUSION EN VUE DE L'IMPRESSION TRIDIMENSIONNELLE (3D)**
[72] MIRE, CHARLES, CA
[72] FINKLE, ANDREW, CA
[72] SOLOWIEJCZYK, AMIR, CA
[71] STRUCTUR3D PRINTING INCORPORATED, CA
[22] 2018-09-27
[41] 2019-03-29
[30] US (62/565,792) 2017-09-29

[21] **3,018,856**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **DETERMINING A REMAINING AMOUNT OF MATERIAL IN A MATERIAL PACKAGE**
[54] **DETERMINATION D'UNE QUANTITE RESTANTE DE MATERIAU DANS UN EMBALLAGE DE MATERIAU**
[72] SPRUELL, STEPHEN LEE, US
[72] MURRAH, CHARLES A., JR., US
[72] SMITH, CARTER EDWARD, US
[71] SOUTHWIRE COMPANY, LLC, US
[22] 2018-09-26
[41] 2019-03-26
[30] US (15/715,275) 2017-09-26

[21] **3,018,858**
[13] A1
[51] **Int.Cl. E21B 43/241 (2006.01) E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HYDROCARBONS FROM SUBTERRANEAN RESERVOIR WITH SOLVENT AND CONTROLLED HEATING**
[54] **METHODE DE PRODUCTION D'HYDROCARBURE DE RESERVOIR SOUTERRAIN AU MOYEN DE SOLVANT ET DE CHAUFFAGE CONTROLE**
[72] AZOM, PRINCE, CA
[72] BEN-ZVI, AMOS, CA
[72] SEIB, BRENT DONALD, CA
[71] CENOVUS ENERGY INC., CA
[22] 2018-09-27
[41] 2019-03-29
[30] US (62/565,816) 2017-09-29

[21] **3,018,869**
[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING VIRTUAL MONEY BY E-COMMERCE IN AN OPEN MARKETPLACE**
[54] **METHODE ET SYSTEME DE GENERATION DE MONNAIE VIRTUELLE PAR COMMERCE ELECTRONIQUE SUR UN MARCHE OUVERT**
[72] KANG, CHAN GO, KR
[71] KANG, CHAN GO, KR
[22] 2018-09-27
[41] 2019-03-28
[30] KR (10-2017-0125788) 2017-09-28

[21] **3,018,882**
[13] A1
[51] **Int.Cl. F04D 15/00 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **SUMP PUMP MONITOR**
[54] **MONITEUR DE POMPE SUBMERSIBLE**
[72] BEGER, LAWRENCE J., US
[72] THARIATH, MICHAEL J., US
[72] CWIOKOWSKI, MATEUSZ, US
[72] SKIBA, MICHAEL, US
[71] ELEXA CONSUMER PRODUCTS, INC., US
[22] 2018-09-27
[41] 2019-03-29
[30] US (62/565,400) 2017-09-29

[21] **3,018,897**
[13] A1
[51] **Int.Cl. B66C 13/48 (2006.01) B66C 15/04 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A LIFTING DEVICE**
[54] **METHODE DE CONTROLE D'UN APPAREIL DE LEVAGE**
[72] SKOTSCHEK, RALF, AT
[71] B&R INDUSTRIAL AUTOMATION GMBH, AT
[22] 2018-09-27
[41] 2019-03-29
[30] EP (17194041.4) 2017-09-29

[21] **3,018,935**
[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING A DATA PROCESS IN A VIRTUAL REALITY SETTING**
[54] **SYSTEME ET METHODE DE GESTION D'UN TRAITEMENT DE DONNEES DANS UN ENVIRONNEMENT DE REALITE VIRTUELLE**
[72] STEWART, AUSTEN THOMAS, CA
[72] BAGCHI, ANKUR, CA
[72] FALLER, MATTHEW FREDERICK, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2018-09-27
[41] 2019-03-27
[30] US (62/564,069) 2017-09-27

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[54] **SYSTEME AUTOMATISE DE TRAITEMENT DE L'EAU A BASE D'OZONE ET UTILISATIONS ASSOCIEES**
[72] CHAMPAGNE, MICHEL, CA
[72] VACHER, GEORGES, CA
[71] 10383350 CANADA INC., CA
[22] 2018-09-27
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[54] **APPARATUS AND METHOD FOR ATTACHING LED CHIPS**
[54] **APPAREIL ET METHODE DE FIXATION DE PUCES DEL**
[72] TSAI, NAI-CHEN, CN
[71] COSMO LIGHTING INC., US
[22] 2018-09-28
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[30] US (62/565,327) 2017-09-29
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[54] **SYSTEM FOR APPLYING FINISHING COMPOUND**
[54] **SYSTEME D'APPLICATION D'UN COMPOSE DE FINITION**
[72] MURRAY, SCOTT A., US
[72] XIAOWEI, SUN, US
[71] LEVEL 5 TOOLS, LLC, US
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[54] **CONCRETE PANEL BOARD**
[54] **PLAQUE DE PANNEAU DE BETON**
[72] ORR, RANDY, CA
[71] ARTS & LABOUR ARTISANS INC., CA
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[54] **ELECTRIC POWER-ASSIST DRIVE ASSEMBLY FOR A SPOKED-WHEELED VEHICLE**
[54] **MECANISME D'ENTRAINEMENT A ASSISTANCE ELECTRIQUE DESTINE A UN VEHICULE A ROUE A RAYON**
[72] HU, PENGJIE, CA
[71] HU, PENGJIE, CA
[22] 2018-09-28
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[54] **TRANSPORT, LOADING AND STORAGE SYSTEM FOR GRANULAR MATERIALS**
[54] **SYSTEME DE TRANSPORT, CHARGEMENT ET STOCKAGE DE MATERIAUX GRANULAIRES**
[72] MANAGAN, WILLIAM VAUGHN, II, US
[71] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
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[54] **EXTENSIBLE DRESSINGS**
[54] **PANSEMENTS EXTENSIBLES**
[72] CETTINA, MELINDA, US
[72] ORIANI, PAULO G., BR
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **LIGHT STRING AND AUTOMATIC ASSEMBLY APPARATUS AND METHOD THEREOF**
[54] **CORDON D'ECLAIRAGE ET APPAREIL D'ASSEMBLAGE AUTOMATIQUE ET METHODE ASSOCIES**
[72] TSAI, NAI-CHEN, CN
[71] COSMO LIGHTING INC., US
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[54] **CLASPS FOR JOINING JEWELRY ELEMENTS TOGETHER IN A STRING**
[54] **PINCES SERVANT A JOINDRE DES ELEMENTS DE JOAILLERIE SUR UNE CORDE**
[72] SHENG, YANG CHUN, CN
[72] MILLER, BRIAN, US
[71] THE GOOD BEAD, INC., US
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[54] **CARBON AEROGEL COMPOSITE PREPREG**
[54] **PREIMPREGNE COMPOSITE D'AEOGEL AU CARBONE**
[72] LINDE, PETER, DE
[72] RUPPERT, BERND, DE
[72] ROBRECHT, VOLKER, DE
[71] AIRBUS OPERATIONS GMBH, DE
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[54] **COLOUR-BASED HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE FONDE SUR LA COULEUR**
[72] KLEINPETER, ROMAN, DE
[72] KARRASCH, TOBIAS, DE
[71] AIRBUS OPERATIONS GMBH, DE
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[54] **SELECTIVE USER PLANE MONITORING USING A SINGLE NETWORK MONITORING PROBE**
[54] **SURVEILLANCE DE PLAN D'UTILISATEUR SELECTIF UTILISANT UNE SEULE SONDE DE SURVEILLANCE DE RESEAU**
[72] SINGHAL, ANIL K., US
[72] KELLEY, BRUCE A., US
[72] NADKARNI, RAJEEV, US
[72] BYRAPURAM, NARENDRA, US
[71] NETSCOUT SYSTEMS, INC., US
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[54] **PANSEMENTS EXTENSIBLES**
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[72] ORIANI, PAULO G., BR
[72] RANGEL, FABIO EDUARDO F., BR
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **DUVET COVER SYSTEM HAVING INTEGRATED SIZE IDENTIFICATION**
[54] **SYSTEME DE HOUSSE DE COUETTE AYANT UNE IDENTIFICATION DE TAILLE INTEGREE**
[72] HEIMAN, KIM, US
[71] STANDARD TEXTILE CO., INC., US
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[54] **CHEMISAGE DE BATTERIES STRUCTURELLES**
[72] LINDE, PETER, DE
[72] WYSOCKI, MACIEJ, DE
[71] AIRBUS OPERATIONS GMBH, DE
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[54] **VACUUM FILM WITH VENTILATION PROPERTIES**
[54] **PELLICULE SOUS VIDE AYANT DES PROPRIETES D'AERATION**
[72] KLEINPETER, ROMAN, DE
[72] KARRASCH, TOBIAS, DE
[71] AIRBUS OPERATIONS GMBH, DE
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[54] **POWER SUPPLY DEVICE**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE**
[72] TSAI, NAI-CHEN, CN
[71] COSMO LIGHTING INC., US
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[54] **APPARATUS AND PROCESS FOR AMATEUR DUCTLESS HVAC INSTALLATION**
[54] **APPAREIL ET PROCEDE D'INSTALLATION AMATEUR DE CVCA SANS CONDUIT**
[72] INGRAM, JASON, US
[71] INGRAM, JASON, US
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[54] **MICROPOROUS CARBON MATERIALS TO SEPARATE NITROGEN IN ASSOCIATED AND NON-ASSOCIATED NATURAL GAS STREAMS**
[54] **MATERIAUX MICROPOREUX EN CARBONE POUR SEPARER L'AZOTE DANS DES COURANTS DE GAZ NATUREL ASSOCIES ET NON ASSOCIES**
[72] JIMENEZ CRUZ, FEDERICO JESUS, MX
[72] GARCIA GUTIERREZ, JOSE LUIS, MX
[72] SILVA SANCHEZ, JOSE FRANCISCO GASPAR, MX
[72] ASTUDILLO LOPEZ LENA, LILIANA ALEJANDRA, MX
[72] HERNANDEZ PEREZ, FIDENCIO, MX
[72] CABRALES TORRES, ALBERTO, MX
[72] MARTINEZ GUERRERO, MARIA DEL CARMEN, MX
[72] DOMINGUEZ AGUILAR, MARCO ANTONIO, MX
[72] TREJO RODRIGUEZ, ARTURO, MX
[72] MURRIETA GUEVARA, FLORENTINO RAFAEL, MX
[71] INSTITUTO MEXICANO DEL PETROLEO, MX
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[54] **METHODS AND COMPOSITIONS FOR INHIBITING MUTANT EGFR SIGNALING**
[54] **METHODES ET COMPOSITIONS EMPECHANT LE SIGNALEMENT DE MUTATION D'EGFR**
[72] SNIDER, JAMIE, CA
[72] SARAON, PUNIT, CA
[72] STAGLJAR, IGOR, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **PIPE TALLY VISION SYSTEM**
[54] **SYSTEME DE VISUALISATION DE POINTAGE DE TUYAUX**
[72] ELLIS, BRIAN, US
[72] KEITH, ADAM, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[54] **DIFFERENTIAL PRESSURE FIRING HEADS FOR WELLBORE TOOLS AND RELATED METHODS**
[54] **TETES DE LANCEMENT A PRESSION DIFFERENTIELLE DESTINEES A DES OUTILS DE TROU DE FORAGE ET METHODES ASSOCIEES**
[72] LAGRANGE, TIMOTHY E., US
[72] GARTZ, JEFFREY, US
[72] LINVILLE, ROCKFORD A., US
[71] OWEN OIL TOOLS LP, US
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[54] **SIGNAL TRANSFER SYSTEM FOR ACTIVATING DOWNHOLE TOOLS AND RELATED METHODS**
[54] **SYSTEME DE TRANSFERT DE SIGNAL SERVANT A ACTIVER LES OUTILS DE FOND DE TROU ET METHODES ASSOCIEES**
[72] LAGRANGE, TIMOTHY E., US
[72] GARTZ, JEFFREY, US
[72] LINVILLE, ROCKFORD A., US
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[54] **WHIPPED CREAM DECORATING TOOL**
[54] **OUTIL DE DECORATION DE CREME FOUETTEE**
[72] YANG, QING RONG QRY, CA
[71] GAO, JING DUO JDG, CA
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[54] **METHOD AND SYSTEM FOR MOBILE DEVICE LOCALIZATION-BASED ACCESS**
[54] **METHODE ET SYSTEME D'ACCES A UN DISPOSITIF MOBILE FONDE SUR LA LOCALISATION**
[72] BAVAND, MAJID, CA
[72] NAGPAL, PARAMVIR SINGH, CA
[72] HAMIDIFAR, SAEEDEH, CA
[71] MAPSTED CORP., CA
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[54] **SYSTEM FOR DETECTING AND LOGGING OF FLATULENCE FOR HEALTH INDICATION**
[54] **SYSTEME DE DETECTION ET DE CONSIGNATION DE FLATULENCES EN VUE D'UNE INDICATION DE LA SANTE**
[72] KIM, HONG MIN, CA
[71] KIM, HONG MIN, CA
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[54] **DISPLAY DEVICE AND METHOD**
[54] **APPAREIL D'AFFICHAGE ET METHODE**
[72] CHEN, XIANG, CN
[71] GOERTEK TECHNOLOGY CO.,LTD., CN
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[54] **STONE-PLASTIC HOT PRESSING FLOORING AND MANUFACTURING METHOD THEREOF**
[54] **REVETEMENT DE PLANCHER PRESSE A CHAUD EN PIERRE ET PLASTIQUE ET METHODE DE FABRICATION ASSOCIEE**
[72] DAI, HUIBIN, CN
[71] ZHEJIANG KINGDOM PLASTICS INDUSTRY CO., LTD., CN
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[54] **VEHICLE SYSTEM**
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[72] TANAKA, DAIKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **COMPOSITIONS COMPRISING SASP MODULATORS AND SENESCENCE ATTENUATORS AND USES THEREOF FOR MODULATING CELLULAR SENESCENCE**
[54] **COMPOSITIONS COMPRENANT DES MODULATEURS DE SASP ET DES ATTENUATEURS DE SENESCENCE ET LEURS UTILISATIONS POUR MODULER LA SENESCENCE CELLULAIRE**
[72] SAPIEHA, PRZEMYSLAW, CA
[72] MALLETTE, FREDERICK ANTOINE, CA
[72] OUBAHA, MALIKA, CA
[72] BEAULIEU, NORMAND, CA
[72] WILSON, ARIEL, CA
[71] RSEM, LIMITED PARTNERSHIP, CA
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[54] **ORGUE A TENSION DE TOUCHE VARIABLE**
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[72] BLAIN, DENIS, CA
[71] CASAVANT FRERES, CA
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[72] CHENG, JOY, AT
[72] JERUZAL, MARK, GB
[72] DOU, QIZHENG, AT
[72] ERIKSSON, ERIK, SE
[71] BOREALIS AG, AT
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[54] **METHODES ET COMPOSITIONS DE CRIBLAGE D'EPITOPES DE LYMPHOCYTES T**
[72] GEJMAN, RON, US
[72] SCHEINBERG, DAVID A., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **IMPLANT APPLICATORS**
[54] **APPLICATEURS D'IMPLANT**
[72] NAVRATIL, TOMAS, US
[72] NADKARNI, AKSHAY NITISH, US
[72] WILLARD, GRETCHEN, US
[72] CORSON, ANDREW, US
[72] WALKER, MATTHEW, US
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[54] **METHODE ET SYSTEME DE CARACTERISATIONS DE PANEL**
[72] ALMONACID, DANIEL, US
[72] KRAAL, LAURENS, US
[72] OSSANDON, FRANCISCO, US
[72] CARDENAS, JUAN PABLO, US
[72] RICHMAN, JESSICA, US
[72] APTE, ZACHARY, US
[72] BIK, ELISABETH, US
[72] GODDARD, AUDREY, US
[71] UBIOME, INC., US
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[54] **SYSTEMS AND METHODS FOR ADAPTIVE PROPER NAME ENTITY RECOGNITION AND UNDERSTANDING**
[54] **SYSTEMES ET PROCEDES POUR LA RECONNAISSANCE ET LA COMPREHENSION ADAPTATIVES D'ENTITES DE NOMS PROPRES**
[72] PRINTZ, HARRY WILLIAM, US
[71] PROMPTU SYSTEMS CORPORATION, US
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[54] **HI-FIDELITY COMPUTER OBJECT RECOGNITION BASED HORTICULTURAL FEEDBACK LOOP**
[54] **BOUCLE DE RETROACTION HORTICOLE BASEE SUR LA RECONNAISSANCE D'OBJET INFORMATIQUE HAUTE-FIDELITE**
[72] GREENBERG, ADAM PHILLIP TAKLA, US
[72] KING, MATTHEW CHARLES, US
[71] IUNU, LLC, US
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[54] **CAPTEUR DE PRESSION DE TRANSFORMATION HAUTE-PRESSION**
[72] WANG, RUIZHENG, US
[72] OWEN, TIMOTHY J., US
[72] SMALL, LYLE D., US
[71] CHROMATIC TECHNOLOGIES, INC., US
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[54] **UPDATE MIGRATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MIGRATION POUR MISE A JOUR**
[72] PIRZADEH, KIUSHAN, US
[72] MARTIN, PHILIPPE, US
[72] LINDBECK, MICHAEL, US
[72] CHEN, YUEXI, US
[72] KEKICHEFF, MARC, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **METHODS FOR TREATING CANCER WITH BAVITUXIMAB BASED ON LEVELS OF SS2-GLYCOPROTEIN 1, AND ASSAYS THEREFOR**
[54] **PROCEDE DE TRAITEMENT DU CANCER A L'AIDE DE BAVITUXIMAB SUR LA BASE DE NIVEAUX DE S2-GLYCOPROTEINE 1, ET DOSAGES ASSOCIES**
[72] TANG, MIN, US
[72] SHAN, JOSEPH S., US
[72] KING, STEVEN W., US
[72] CHANG, CONNIE, US
[72] BROWN, MICHAEL A., US
[71] ONCOLOGIE, INC., US
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[54] **MILIEU DE FILTRATION POUR L'ELIMINATION OU L'INACTIVATION DE MICRO-ORGANISMES DANS L'EAU**
[72] DONG, LIANGJIE, US
[71] MESOFILTER INC., US
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[54] **HETEROPHASIC POLYPROPYLENE COMPOSITION WITH IMPROVED MECHANICAL AND OPTICAL PROPERTIES**
[54] **COMPOSITION DE POLYPROPYLENE HETEROPHASIQUE PRESENTANT DES PROPRIETES MECANIQUES ET OPTIQUES AMELIOREES**
[72] GAHLEITNER, MARKUS, AT
[72] WANG, JINGBO, AT
[72] BERGER, FRIEDRICH, AT
[72] LILJA, JOHANNA, FI
[71] BOREALIS AG, AT
[85] 2019-03-14
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[54] **DEVICE AND METHOD FOR SEPARATING LIGHT FRACTION FROM A TRANSPORT AIR FLOW**
[54] **DISPOSITIF ET PROCEDE DE SEPARATION DE MATERIAU LEGER A PARTIR D'UN FLUX D'AIR DE TRANSPORT**
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[71] BARNSTEDT, DIRK, DE
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[54] **PUCK AND METHOD FOR MANUFACTURING A PUCK**
[54] **PALET ET PROCEDE DE FABRICATION D'UN PALET**
[72] HUTHER, MATHIS, DE
[72] WILDENHOF, STEFAN, DE
[72] PELLKOFER, THOMAS, DE
[72] RETKOWSKI, REINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **ACETOLACTATE DECARBOXYLASE VARIANTS HAVING IMPROVED SPECIFIC ACTIVITY**
[54] **VARIANTS D'ACETOLACTATE DECARBOXYLASE AYANT UNE ACTIVITE SPECIFIQUE AMELIOREE**
[72] CRAMER, JACOB FLYVHOLM, DK
[72] JENSEN, LENE BOJSEN, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[54] **SYSTEMS AND METHODS FOR INTERCEPTION OF SMART CONTRACTS**
[54] **SYSTEMES ET PROCEDES D'INTERCEPTION DE CONTRATS INTELLIGENTS**
[72] LEIDNER, JOCHEN LOTHAR, CH
[72] NUGENT, TIM, CH
[72] CHADWICK, SAM, CH
[71] FINANCIAL & RISK ORGANISATION LIMITED, GB
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[54] **LIQUID SEPARATOR**
[54] **SEPARATEUR DE LIQUIDE**
[72] FRAGUELA YANEZ, PABLO MANUEL, BE
[72] RABAEY, ELISABETH ANIKA SIMMONE, BE
[72] POTTERS, TOM ANDRE JENNY, BE
[72] VRIENS, VIKTOR MAURITS INGRID, BE
[72] MARIEN, KAREN ANNA LEON, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[54] **COMPOSITION DE RESINE A DURCISSEMENT RETARDE**
[72] WARREN, DANNY, US
[71] WARREN, DANNY, US
[85] 2019-03-15
[86] 2016-10-17 (PCT/US2016/057328)
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[54] **HETEROARYL CARBOXAMIDE COMPOUNDS AS INHIBITORS OF RIPK2**
[54] **COMPOSES D'HETEROARYLE CARBOXAMIDE EN TANT QU'INHIBITEURS DE RIPK2**
[72] LIU, PINGRONG, US
[72] MILLER, CRAIG ANDREW, US
[72] YU, MAOLIN, US
[72] ZHANG, ZHONGHUA, US
[72] RUPPEL, SABINE, US
[72] PADYANA, ANIL K., US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **METHOD OF LINING A PIPELINE WITH A DELAYED CURING RESIN COMPOSITION**
[54] **PROCEDE DE CHEMISAGE D'UNE CONDUITE AVEC UNE COMPOSITION DE RESINE A DURCISSEMENT RETARDE**
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[71] WARREN, DANNY, US
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[54] **SYSTEM AND METHOD FOR OPTIMIZATION OF AN ION EXCHANGE SYSTEM**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION D'UN SYSTEME D'ECHANGE D'IONS**
[72] MERTZ, JOSHUA, US
[72] LUEY, JA-KAEL, US
[71] KURION, INC., US
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[54] **ADJUSTABLE POSITIONING ARMS FOR TRANSMISSION JACK SADDLE**
[54] **BRAS DE POSITIONNEMENT REGLABLES POUR SELLE DE CRIC DE TRANSMISSION**
[72] FOX, ROBERT, US
[72] HARVELL, NATHAN, US
[72] CAIN, STEPHEN, US
[72] YOUNGBLUTT, SAGE, US
[71] PROFESSIONAL TOOL PRODUCTS, LLC, US
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[54] **PROTEIN BIOMARKERS FOR DISEASES ASSOCIATED WITH THE CONTACT ACTIVATION SYSTEM**
[54] **BIOMARQUEURS DE PROTEINES POUR DES MALADIES ASSOCIEES AU SYSTEME D'ACTIVATION DE CONTACT**
[72] SEXTON, DANIEL J., US
[72] VISWANATHAN, MALINI, US
[72] FAUCETTE, RYAN, US
[72] GAUR, TRIPTI, US
[71] DYAX CORP., US
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[86] 2017-09-15 (PCT/US2017/051749)
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[54] **METABOLITE BIOMARKERS FOR DISEASES ASSOCIATED WITH THE CONTACT ACTIVATION SYSTEM**
[54] **BIOMARQUEURS DE METABOLITES POUR DES MALADIES ASSOCIEES AU SYSTEME D'ACTIVATION DE CONTACT**
[72] SEXTON, DANIEL J., US
[72] VISWANATHAN, MALINI, US
[72] FAUCETTE, RYAN, US
[72] GAUR, TRIPTI, US
[71] DYAX CORP., US
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[54] **ENGINEERED BLOOD VESSELS**
[54] **VAISSEAUX SANGUINS OBTENUS PAR INGENIERIE**
[72] QUINT, CLAY, US
[71] UNIVERSITY OF KANSAS, US
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[54] **FERRO-CAVITATION PROCESSES FOR TARGET METAL SEPARATION**
[54] **PROCEDES DE FERRO-CAVITATION POUR LA SEPARATION DE METAUX CIBLES**
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[72] MOHAPATRA, DIPTI PRAKASH, CA
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[51] **Int.Cl. A61K 31/573 (2006.01) A61K 47/02 (2006.01)**
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[54] **PARTICLES, COMPOSITIONS, AND METHODS FOR OPHTHALMIC AND/OR OTHER APPLICATIONS**
[54] **PARTICULES, COMPOSITIONS ET PROCEDES POUR APPLICATIONS OPHTALMIQUES ET/OU AUTRES APPLICATIONS**
[72] ONG, WINSTON ZAPANTA, US
[72] NGUYEN, MINH NGOC, US
[71] KALA PHARMACEUTICALS, INC., US
[85] 2019-03-15
[86] 2017-09-15 (PCT/US2017/051866)
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[54] **PARTICLES, COMPOSITIONS, AND METHODS FOR OPHTHALMIC AND/OR OTHER APPLICATIONS**
[54] **PARTICULES, COMPOSITIONS ET PROCEDES POUR APPLICATIONS OPHTALMIQUES ET/OU AUTRES APPLICATIONS**
[72] ONG, WINSTON ZAPANTA, US
[72] NGUYEN, MINH NGOC, US
[72] NOWACK, PAWEL WOJCIECH, US
[71] KALA PHARMACEUTICALS, INC., US
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[51] **Int.Cl. A61B 3/18 (2006.01) A61B 3/00 (2006.01) A61B 3/10 (2006.01)**
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[54] **EYE EXAMINATION KIOSK, SYSTEM AND METHOD FOR REMOTE EYE EXAMINATION**
[54] **KIOSQUE D'EXAMEN DE L'OEIL, SYSTEME ET PROCEDE D'EXAMEN D'UN OEIL A DISTANCE**
[72] KATZ, ADAM, US
[72] MALLON, WILLIAM, US
[72] ELDRIDGE, DAVID GARY, US
[72] MORADO, MICHAEL, US
[72] FANG, YANG, US
[72] WHITING, DAVID, US
[72] NICKOLS, SAINT E., US
[72] HAGERTY, JOHN, US
[71] GLOBECHEK ENTERPRISES, LLC, US
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[86] 2017-09-17 (PCT/US2017/051946)
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[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS OF NUCLEIC ACID SAMPLE PREPARATION**
[54] **PROCEDES DE PREPARATION D'ECHANTILLON D'ACIDE NUCLEIQUE**
[72] STAHL, JOSHUA, US
[72] MYERS, JASON, US
[72] CULVER, BRADY, US
[72] KUDLOW, BRIAN, US
[71] ARCHERDX, INC., US
[85] 2019-03-15
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[54] **ISOLATEUR DE CLOTURE ELECTRIQUE**
[72] STONER, DANIEL, NZ
[71] GALLAGHER GROUP LIMITED, NZ
[85] 2019-03-13
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[54] **HIGHLY INTEGRATED OPTICAL PARTICLE COUNTER (OPC)**
[54] **COMPTEUR DE PARTICULES OPTIQUES HAUTEMENT INTEGRE**
[72] LAVROVSKY, VLADISLAV IGOREVICH, CA
[72] COOPER, TAYLOR, CA
[72] MACDONALD, AARON JOSEPH, CA
[71] CLAD INNOVATIONS LTD., CA
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[54] **PLATEFORME DE RESERVATION SOCIALE POUR SYSTEME DE LOCATION DE VEHICULE SANS RETOUR**
[72] GRIFFIN, REECE, CA
[72] LANG, CAMERON, CA
[72] WANG, KIM, CA
[71] MIRRORTRIP INC., CA
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[54] **REMOTELY CONTROLLED PACKABLE ROBOT**
[54] **ROBOT POUVANT ETRE MIS EN BOITIER COMMANDE A DISTANCE**
[72] MEEKER, DAVID C., US
[72] MASON, TIMOTHY J., US
[72] KIROUAC, ANDREW, US
[72] WASSERMAN, RYAN, US
[71] FOSTER-MILLER, INC., US
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[86] 2017-09-18 (PCT/US2017/051986)
[87] (WO2018/057448)
[30] US (62/396,990) 2016-09-20
[30] US (15/704,223) 2017-09-14

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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS OF NUCLEIC ACID SAMPLE PREPARATION FOR ANALYSIS OF CELL-FREE DNA**
[54] **PROCEDES DE PREPARATION D'ECHANTILLON D'ACIDE NUCLEIQUE POUR L'ANALYSE D'ADN ACELLULAIRE**
[72] STAHL, JOSHUA, US
[72] MYERS, JASON, US
[72] CULVER, BRADY, US
[72] KUDLOW, BRIAN, US
[71] ARCHERDX, INC., US
[85] 2019-03-15
[86] 2017-09-15 (PCT/US2017/051927)
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[30] US (62/395,347) 2016-09-15

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[51] **Int.Cl. B01F 15/02 (2006.01) B01F 3/04 (2006.01) B01F 5/06 (2006.01) B01F 15/00 (2006.01)**
[25] EN
[54] **INLINE GAS/LIQUID INFUSION SYSTEM WITH ADJUSTABLE ABSORPTION OUTPUT AND SELF-TUNING CAPABILITY**
[54] **SYSTEME D'INFUSION DE GAZ/LIQUIDE EN LIGNE A SORTIE D'ABSORPTION REGLABLE ET A CAPACITE D'AUTOREGLAGE**
[72] PERKINS, BERNARD L., US
[72] ESTRADA, JESUS, US
[71] FLOW CONTROL LLC., US
[85] 2019-03-15
[86] 2017-09-18 (PCT/US2017/052003)
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[51] **Int.Cl. C07F 9/02 (2006.01) C07H 21/00 (2006.01) C07H 21/02 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **POST-TRANSCRIPTIONALLY CHEMICALLY MODIFIED DOUBLE STRAND RNAS**
[54] **ARN DOUBLE BRIN MODIFIES CHIMIQUEMENT POST-TRANSCRIPTIONNELLEMENT**
[72] ARHANCET, JUAN P., US
[72] CHEERLA, SREEVISHNU, US
[72] ARHANCET, GRACIELA B., US
[72] ROZEMA, DAVID B., US
[71] NANOSUR LLC, US
[85] 2019-03-15
[86] 2017-11-06 (PCT/US2017/060110)
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[30] US (62/418,581) 2016-11-07
[30] US (62/446,722) 2017-01-16

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[51] **Int.Cl. B25J 5/00 (2006.01) B25J 11/00 (2006.01) B62D 55/00 (2006.01) B62D 55/06 (2006.01) B62D 55/065 (2006.01) B62D 55/075 (2006.01)**
[25] EN
[54] **REMOTELY CONTROLLED PACKABLE ROBOT**
[54] **ROBOT COMPACT TELECOMMANDE**
[72] MEEKER, DAVID C., US
[72] MASON, TIMOTHY J., US
[72] KIROUAC, ANDREW, US
[72] WASSERMAN, RYAN, US
[71] FOSTER-MILLER, INC., US
[85] 2019-03-15
[86] 2017-09-19 (PCT/US2017/052157)
[87] (WO2018/057483)
[30] US (62/397,055) 2016-09-20
[30] US (15/704,379) 2017-09-14

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[51] **Int.Cl. F24F 11/00 (2018.01)**
[25] EN
[54] **MULTI-SPLIT AIR CONDITIONING SYSTEM AND SWITCHING CONTROL METHOD FOR OPERATING MODE OF INDOOR UNITS THEREOF**
[54] **SYSTEME DE CLIMATISATION A DIVISIONS MULTIPLES ET PROCEDE DE COMMANDE DE COMMUTATION POUR MODE DE FONCTIONNEMENT D'UNITES INTERIEURES ASSOCIEES**
[72] ZHOU, JUN, CN
[72] YANG, SHIHONG, CN
[72] ZHUANG, ZIBAO, CN
[71] GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2019-03-18
[86] 2016-11-04 (PCT/CN2016/104675)
[87] (WO2018/049722)
[30] CN (201610832075.5) 2016-09-19

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[13] A1
[51] **Int.Cl. G06F 21/35 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRACKING USERS OF WEARABLE DEVICES**
[54] **SYSTEMES ET PROCEDES DE SUIVI D'UTILISATEURS DE DISPOSITIFS PORTATIFS**
[72] GIBBS, CATHY, US
[72] JOHNSON, CHRISTOPHER SOAMES, US
[72] PEARSON, KATHLEEN ELIZABETH, US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-15
[86] 2017-09-19 (PCT/US2017/052168)
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[30] US (62/397,146) 2016-09-20

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[13] A1
[51] **Int.Cl. B60T 1/10 (2006.01) F15B 1/027 (2006.01) F16D 61/00 (2006.01)**
[25] EN
[54] **INTEGRATED ENERGY CONVERSION, TRANSFER AND STORAGE SYSTEM**
[54] **SYSTEME INTEGRE DE CONVERSION, DE TRANSFERT ET D'ACCUMULATION D'ENERGIE**
[72] ABAITANCEI, HORIA, RO
[72] MIHAI, CORNEL, RO
[72] IOANA, STEFAN, US
[71] A & A INTERNATIONAL, LLC, US
[85] 2019-03-15
[86] 2017-12-21 (PCT/US2017/068018)
[87] (WO2018/119308)
[30] US (62/498,347) 2016-12-21
[30] US (62/498,348) 2016-12-21
[30] US (62/606,511) 2017-09-26
[30] US (62/577,630) 2017-10-26
[30] US (62/580,360) 2017-11-01
[30] RO (A/2017/01143) 2017-12-20

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[51] **Int.Cl. A47F 10/00 (2006.01) B07C 5/16 (2006.01) B07C 5/34 (2006.01) B65B 5/00 (2006.01) B65B 57/00 (2006.01) B65G 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTONOMOUS ITEM IDENTIFICATION**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION D'ARTICLE AUTONOME**
[72] VASGAARD, AARON, US
[72] JONES, MATTHEW ALLEN, US
[72] JONES, NICHOLAUS ADAM, US
[72] TAYLOR, ROBERT JAMES, US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-15
[86] 2017-09-18 (PCT/US2017/052061)
[87] (WO2018/057459)
[30] US (62/397,108) 2016-09-20

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[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01) B64C 39/00 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR PROVIDING DRONE ASSISTANCE**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR FOURNIR UNE ASSISTANCE A UN DRONE**
[72] TAYLOR, ROBERT JAMES, US
[72] JONES, MATTHEW ALLEN, US
[72] VASGAARD, AARON JAMES, US
[72] JONES, NICHOLAUS ADAM, US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-15
[86] 2017-09-19 (PCT/US2017/052179)
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[30] US (62/397,058) 2016-09-20

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[51] **Int.Cl. C25C 3/12 (2006.01) C25C 3/06 (2006.01) C25C 3/08 (2006.01) C25C 3/16 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **ANODE APPARATUS AND METHODS REGARDING THE SAME**
[54] **APPAREIL A ANODE ET PROCEDES ASSOCIES**
[72] SWORTS, LANCE, US
[71] ELYSIS LIMITED PARTNERSHIP, CA
[85] 2019-03-15
[86] 2017-09-19 (PCT/US2017/052289)
[87] (WO2018/053515)
[30] US (62/396,583) 2016-09-19

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[13] A1
[51] **Int.Cl. C05B 19/00 (2006.01) B01J 2/22 (2006.01)**
[25] EN
[54] **FERTILIZER PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION D'ENGRAIS**
[72] WANG, XUEJIANG, CN
[72] YU, YONGJUN, CN
[72] LI, FENG, CN
[72] SUN, JICHENG, CN
[72] HUANG, SHANHUA, CN
[72] WANG, YUEGANG, CN
[72] LI, HAIDI, CN
[71] WUZHOUFENG AGRICULTURAL SCIENCE & TECHNOLOGY CO., LTD, CN
[85] 2019-03-18
[86] 2017-09-13 (PCT/CN2017/101596)
[87] (WO2018/054258)
[30] CN (201610833960.5) 2016-09-20

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **MACHINE LEARNING MODELS FOR IDENTIFYING OBJECTS DEPICTED IN IMAGE OR VIDEO DATA**
[54] **MODELES D'APPRENTISSAGE MACHINE D'IDENTIFICATION D'OBJETS REPRESENTES DANS DES DONNEES D'IMAGE OU DE VIDEO**
[72] KATZ, JEFFREY BENJAMIN, US
[72] CARTER, CAMBRON NEIL, US
[72] KIM, BRIAN JONGMIN, US
[71] GUMGUM, INC., US
[85] 2019-03-15
[86] 2017-09-19 (PCT/US2017/052319)
[87] (WO2018/057530)
[30] US (62/397,739) 2016-09-21
[30] US (62/421,886) 2016-11-14
[30] US (62/505,758) 2017-05-12

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[51] **Int.Cl. E21F 13/02 (2006.01) B65G 41/00 (2006.01) E21F 13/08 (2006.01) G01S 17/42 (2006.01) G01S 17/87 (2006.01) G01S 17/89 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **SCANNING-BASED STEERING OF A MOBILE HAULAGE SYSTEM FOR CONTINUOUSLY CONVEYING FRAGMENTED MATERIAL**
[54] **DIRECTION A BALAYAGE D'UN SYSTEME DE ROULAGE MOBILE POUR TRANSPORTER EN CONTINU UN MATERIAU FRAGMENTE**
[72] RIEGER, HUBERT, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2019-03-18
[86] 2016-10-14 (PCT/EP2016/074732)
[87] (WO2018/068866)

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[51] **Int.Cl. A23C 21/02 (2006.01) C07H 1/06 (2006.01) C07H 1/08 (2006.01)**
[25] EN
[54] **PURIFIED HUMAN MILK OLIGOSACCHARIDES COMPOSITIONS**
[54] **COMPOSITIONS D'OLIGOSACCHARIDES DE LAIT HUMAIN PURIFIE**
[72] SUN, ADAM, US
[72] LE BOUEDEC, ANNABELLE, US
[72] HUYNH, TIN D., US
[72] TRAN, KIM THU, US
[71] PROLACTA BIOSCIENCE, INC., US
[85] 2019-03-15
[86] 2017-09-19 (PCT/US2017/052332)
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[30] US (62/396,779) 2016-09-19

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[13] A1
[51] **Int.Cl. F03D 9/17 (2016.01) F03B 13/12 (2006.01) F03B 13/14 (2006.01) F03D 9/00 (2016.01) F15B 13/00 (2006.01)**
[25] EN
[54] **RENEWABLE ENERGY AND WASTE HEAT HARVESTING SYSTEM**
[54] **SYSTEME DE RECUPERATION DE CHALEUR RESIDUELLE ET D'ENERGIE RENOUVELABLE**
[72] ABAITANCEI, HORIA, RO
[72] MIHAI, CORNEL, RO
[72] IOANA, STEFAN, US
[71] A & A INTERNATIONAL, LLC, US
[85] 2019-03-15
[86] 2017-12-21 (PCT/US2017/068039)
[87] (WO2018/119324)
[30] US (62/498,336) 2016-12-21
[30] US (62/606,521) 2017-09-26
[30] RO (A/2017/01156) 2017-12-20

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61N 1/04 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **HIGH VOLTAGE CONNECTORS AND ELECTRODES FOR PULSE GENERATORS**
[54] **CONNECTEURS A HAUTE TENSION ET ELECTRODES POUR GENERATEURS D'IMPULSIONS**
[72] KREIS, MARK P., US
[72] DANITZ, DAVID J., US
[72] HINMAN, CAMERON D., US
[72] FINSON, SEAN N., US
[71] PULSE BIOSCIENCES, INC., US
[85] 2019-03-15
[86] 2017-09-19 (PCT/US2017/052340)
[87] (WO2018/053539)
[30] US (15/269,273) 2016-09-19

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[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01)**
[25] EN
[54] **SMOKER WITH TOP HEAT SOURCE**
[54] **FUMOIR A SOURCE DE CHALEUR PAR LE HAUT**
[72] CARTER, ADAM, US
[72] MCLEMORE, JOHN D., US
[71] MASTERBUILT MANUFACTURING, LLC, US
[85] 2019-03-15
[86] 2018-03-05 (PCT/US2018/020852)
[87] (WO2019/050567)
[30] US (PCT/US2017/050265) 2017-09-06
[30] US (15/696,918) 2017-09-06

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS COMPRISING IMPERFECT HAIRPINS**
[54] **ACIDES NUCLEIQUES COMPRENANT DES EPINGLES A CHEVEUX IMPARFAITES**
[72] MADDELEIN, WENDY, BE
[72] MAILLET, ISABELLE, BE
[71] DEVGEN NV, BE
[85] 2019-03-18
[86] 2016-10-19 (PCT/EP2016/075087)
[87] (WO2018/072821)

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[13] A1
[51] **Int.Cl. A43B 3/00 (2006.01) A43B 7/14 (2006.01) A43B 7/24 (2006.01)**
[25] EN
[54] **MIDSOLE WITH INCORPORATED ORTHOTIC SUPPORT**
[54] **SEMELLE INTERCALAIRE AVEC SUPPORT ORTHETIQUE INCORPORE**
[72] HAYES, ERIC PARIS, US
[72] ZHUANG, MIKE, US
[72] WAKELAND, DANIEL, US
[71] SUPERFEET WORLDWIDE, INC., US
[85] 2019-03-15
[86] 2018-05-01 (PCT/US2018/030478)
[87] (WO2019/018044)
[30] US (15/655,624) 2017-07-20

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[13] A1
[51] **Int.Cl. A23C 3/03 (2006.01) A01K 9/00 (2006.01) A23C 3/04 (2006.01)**
[25] EN
[54] **PROCESS FOR TREATING AND TEMPERING, HEATING AND/OR COOLING LIQUID FOOD FOR ANIMALS**
[54] **PROCEDE POUR TRAITER ET NOTAMMENT POUR THERMOREGULER, RECHAUFFER ET/OU REFROIDIR DE LA NOURRITURE LIQUIDE POUR ANIMAUX**
[72] FORSTER, MARTIN, DE
[71] FORSTER, MARTIN, DE
[85] 2019-03-18
[86] 2016-11-02 (PCT/EP2016/076446)
[87] (WO2017/076915)
[30] DE (10 2015 118 731.0) 2015-11-02

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[13] A1
[51] **Int.Cl. B32B 3/10 (2006.01) B32B 9/04 (2006.01) B32B 15/08 (2006.01) B32B 27/08 (2006.01) B32B 27/28 (2006.01) B32B 27/36 (2006.01) C09J 183/04 (2006.01)**
[25] EN
[54] **IMPRINTING TAPE, METHOD OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME**
[54] **RUBAN D'IMPRESSION, SON PROCEDE DE PREPARATION ET ARTICLES COMPRENANT CELUI-CI**
[72] STONEBERG, RYAN E., US
[72] THIELMAN, WALTER S., US
[71] SHARKLET TECHNOLOGIES, INC., US
[71] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2019-03-15
[86] 2017-09-20 (PCT/US2017/052438)
[87] (WO2018/057586)
[30] US (62/396,950) 2016-09-20

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[13] A1
[51] **Int.Cl. E01B 29/02 (2006.01)**
[25] EN
[54] **RAIL VEHICLE HAVING CRANE RAILS FOR A GANTRY CRANE**
[54] **VEHICULE FERROVIAIRE COMPRENANT DES RAILS POUR UNE GRUE A PORTIQUE**
[72] HOTZENDORFER, PATRICK, AT
[72] BRUNNINGER, MANFRED, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2019-03-18
[86] 2017-10-06 (PCT/EP2017/001178)
[87] (WO2018/082797)
[30] AT (A 506/2016) 2016-11-04

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[13] A1
[51] **Int.Cl. H01M 4/02 (2006.01) H01M 4/04 (2006.01)**
[25] EN
[54] **CATHODE SLURRY FOR LITHIUM ION BATTERY**
[54] **BOUILLIE DE CATHODE POUR BATTERIE AU LITHIUM-ION**
[72] HO, KAM PIU, CN
[72] WANG, RANSHI, CN
[72] SHEN, PEIHUA, CN
[71] GRST INTERNATIONAL LIMITED, CN
[85] 2019-03-18
[86] 2017-09-29 (PCT/CN2017/104239)
[87] (WO2018/068662)
[30] US (62/406,402) 2016-10-11

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) F16K 99/00 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **ANALYSIS DEVICE AND METHOD FOR TESTING A SAMPLE**
[54] **DISPOSITIF ET PROCEDE POUR TESTER UN ECHANTILLON**
[72] WIRT, RENE, DE
[72] AMBERG, URSULA, DE
[72] BRUCKMANN, GUENTER, DE
[72] NIEMEYER, AXEL, DE
[72] OSTGATHE, ANDREAS, DE
[72] PAULS, HARALD, DE
[72] SCHMOLKE, HANNAH, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2019-03-18
[86] 2017-10-05 (PCT/EP2017/025288)
[87] (WO2018/065111)
[30] EP (16020380.8) 2016-10-07

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **ANALYSIS SYSTEM AND METHOD FOR TESTING A SAMPLE**
[54] **SYSTEME ET PROCEDE POUR TESTER UN ECHANTILLON**
[72] GRIESSNER, MATTHIAS, DE
[72] SCHOEDER, HEINZ, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2019-03-18
[86] 2017-10-05 (PCT/EP2017/025281)
[87] (WO2018/065104)
[30] EP (16 020 373.3) 2016-10-07

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 31/12 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **DIHYDROPYRIMIDINE COMPOUND AND PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSE DE DIHYDROPYRIMIDINE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] SONG, SHUAI, CN
[72] CAI, JIAQIANG, CN
[72] TIAN, QIANG, CN
[72] ZENG, HONG, CN
[72] SONG, HONGMEI, CN
[72] DENG, HANWEN, CN
[72] TANG, ZUJIAN, CN
[72] DUAN, XIAOFAN, CN
[72] LONG, RONGRONG, CN
[72] LIU, YAO, CN
[72] WANG, LICHUN, CN
[72] WANG, JINGYI, CN
[71] SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD., CN
[85] 2019-03-18
[86] 2017-11-09 (PCT/CN2017/110123)
[87] (WO2018/090862)
[30] CN (201611015150.5) 2016-11-18
[30] CN (201710328659.3) 2017-05-11

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **ANALYSIS SYSTEM FOR TESTING A SAMPLE**
[54] **SYSTEME D'ANALYSE PERMETTANT DE TESTER UN ECHANTILLON**
[72] NIEMEYER, AXEL, DE
[72] SCHMOLKE, HANNAH, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2019-03-18
[86] 2017-10-05 (PCT/EP2017/025285)
[87] (WO2018/065108)
[30] EP (16020377.4) 2016-10-07

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **ANALYSIS SYSTEM AND METHOD FOR TESTING A SAMPLE**
[54] **SYSTEME D'ANALYSE ET PROCEDE POUR TESTER UN ECHANTILLON**
[72] NIEMEYER, AXEL, DE
[72] SCHMOLKE, HANNAH, DE
[72] SCHOEDER, HEINZ, DE
[72] WUERZ, KAI, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2019-03-18
[86] 2017-10-05 (PCT/EP2017/025291)
[87] (WO2018/065114)
[30] EP (16 020 383.2) 2016-10-07

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01L 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING AN ANALYSIS DEVICE AND ANALYSIS SYSTEM**
[54] **PROCEDE POUR LE CONTROLE D'UN DISPOSITIF D'ANALYSE ET SYSTEME D'ANALYSE**
[72] BRUCKMANN, GUNTER, DE
[72] BENDER, BERNHARD, DE
[72] JAHANPANAH, ARMIN, DE
[72] NIEMEYER, AXEL, DE
[72] PAULS, HARALD, DE
[72] SCHMOLKE, HANNAH, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2019-03-18
[86] 2017-10-05 (PCT/EP2017/025289)
[87] (WO2018/065112)
[30] EP (16020381.6) 2016-10-07

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[51] **Int.Cl. C07D 233/64 (2006.01) A61K 31/4174 (2006.01) A61K 31/4178 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) C07D 233/72 (2006.01) C07D 241/04 (2006.01) C07D 403/04 (2006.01) C07D 403/06 (2006.01) C07D 407/04 (2006.01) C07D 407/06 (2006.01) C07D 409/04 (2006.01) C07D 409/06 (2006.01) C07D 413/04 (2006.01) C07D 413/06 (2006.01) C07D 417/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF HYPERTENSION AND/OR FIBROSIS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE L'HYPERTENSION ET/OU DE LA FIBROSE**
[72] DUGGAN, KAREN ANNETTE, AU
[71] VECTUS BIOSYSTEMS LIMITED, AU
[85] 2019-03-18
[86] 2017-09-21 (PCT/AU2017/051027)
[87] (WO2018/053588)
[30] AU (2016903804) 2016-09-21

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[13] A1
[51] **Int.Cl. B64C 39/02 (2006.01) B64C 37/02 (2006.01) B64C 39/00 (2006.01)**
[25] EN
[54] **DEVICE FOR AIRLIFTING AN OBJECT**
[54] **DISPOSITIF DESTINE A TRANSPORTER UN OBJET PAR LES AIRS**
[72] WIGGERICH, BURKHARD, DE
[71] AIRROBOT GMBH & CO. KG, DE
[85] 2019-03-18
[86] 2017-09-15 (PCT/EP2017/073306)
[87] (WO2018/050837)
[30] DE (10 2016 117 611.7) 2016-09-19

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[13] A1
[51] **Int.Cl. G01N 21/03 (2006.01) G01J 3/46 (2006.01) G01N 1/20 (2006.01) G01N 15/00 (2006.01) G01N 21/05 (2006.01) G01N 21/17 (2006.01) G01N 21/25 (2006.01) G01N 21/47 (2006.01) G01N 21/53 (2006.01)**
[25] EN
[54] **SENSOR FOR WET MEASUREMENT OF THE COLOR PROPERTIES OF COATINGS, PASTES AND PIGMENTS**
[54] **CAPTEUR POUR MESURER QUASI SIMULTANEMENT LA TRANSMITTANCE ET/OU LA DIFFUSION VERS L'AVANT ET/OU LA LUMINANCE DE REFLEXION ET POUR MESURER SIMULTANEMENT LA TRANSMITTANCE ET LA DIFFUSION VERS L'AVANT, OU LA TRANSMITTANCE ET LA LUMINANCE DE REFLEXION D'UN ECHANTILLON LIQUIDE**
[72] JOCH, ANDREAS, DE
[72] SCHAEFER, MICHAEL, DE
[72] PEIXOTO, CARLOS ARTHUR LEAES, BR
[72] ETTMUELLER, JUERGEN, DE
[72] ZIEGLER, STEFAN, DE
[72] MOONEN, PIETER, DE
[71] BASF COATINGS GMBH, DE
[85] 2019-02-12
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[87] (WO2018/050527)
[30] EP (16188515.7) 2016-09-13

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[13] A1
[51] **Int.Cl. A63G 7/00 (2006.01) A63G 21/04 (2006.01)**
[25] EN
[54] **AMUSEMENT RIDE, PARTICULARLY A ROLLER COASTER**
[54] **MANEGE, EN PARTICULIER MONTAGNES RUSSES**
[72] GORDT, DENNIS, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2019-03-18
[86] 2017-09-18 (PCT/EP2017/073523)
[87] (WO2018/086789)
[30] DE (10 2016 121 799.9) 2016-11-14

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[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01)**
[25] EN
[54] **METHODS THAT REDUCE FOOD CRAVINGS, PROMOTE WEIGHT LOSS, AND/OR TREAT OVERWEIGHT OR OBESITY**
[54] **PROCEDES QUI REDUISENT LES ENVIES DE NOURRITURE, FAVORISENT LA PERTE DE POIDS ET/OU TRAITENT LE SURPOIDS OU L'OBESITE**
[72] BINKS, MARTIN, US
[71] NESTEC S.A., CH
[85] 2019-03-18
[86] 2017-09-28 (PCT/EP2017/074671)
[87] (WO2018/060357)
[30] US (62/401,568) 2016-09-29

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **DIAGNOSTIC ANTI-PD-L1 ANTIBODY AND USE THEREOF**
[54] **ANTICORPS ANTI-PD-L1 DE DIAGNOSTIC ET SON UTILISATION**
[72] WILM, CLAUDIA, DE
[72] SCHNEIDER, KLAUS, DE
[72] DAHMEN, HEIKE, DE
[71] MERCK PATENT GMBH, DE
[71] PFIZER INC., US
[85] 2019-03-18
[86] 2017-09-20 (PCT/EP2017/073712)
[87] (WO2018/054940)
[30] EP (16189804.4) 2016-09-20

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[13] A1
[51] **Int.Cl. H04L 9/06 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **CIPHER MESSAGE WITH AUTHENTICATION INSTRUCTION**
[54] **MESSAGE DE CHIFFREMENT AVEC INSTRUCTION D'AUTHENTIFICATION**
[72] GREINER, DAN, US
[72] SLEGEL, TIMOTHY, US
[72] ZOELLIN, CHRISTIAN, DE
[72] JACOBI, CHRISTIAN, US
[72] PAPROTSKI, VOLODYMYR, CA
[72] VISEGRADY, TAMAS, CH
[72] BUENDGEN, REINHARD THEODOR, DE
[72] BRADBURY, JONATHAN, US
[72] PURANIK, ADITYA NITIN, IN
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2019-03-18
[86] 2017-10-02 (PCT/EP2017/074971)
[87] (WO2018/069080)
[30] US (15/292,377) 2016-10-13

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[13] A1
[51] **Int.Cl. H01S 3/30 (2006.01) G02F 1/35 (2006.01) H01S 3/094 (2006.01) H01S 3/16 (2006.01)**
[25] EN
[54] **CASCADED, LONG PULSE AND CONTINUOUS WAVE RAMAN LASERS**
[54] **LASERS RAMAN EN CASCADE, A IMPULSIONS LONGUES ET A ONDES CONTINUES**
[72] WILLIAMS, ROBERT, AU
[72] MILDREN, RICHARD PAUL, AU
[72] SPENCE, DAVID JAMES, AU
[72] LUX, OLIVER, DE
[71] MACQUARIE UNIVERSITY, AU
[85] 2019-03-18
[86] 2017-09-21 (PCT/AU2017/051029)
[87] (WO2018/053590)
[30] AU (2016903830) 2016-09-22
[30] AU (2017902466) 2017-06-26

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[13] A1
[51] **Int.Cl. A44C 5/20 (2006.01) A44C 5/18 (2006.01) A44C 5/22 (2006.01)**
[25] EN
[54] **STRAP ARRANGEMENT**
[54] **AGENCEMENT DE SANGLE**
[72] TOBIASSEN, TERJE, NO
[72] HAUGLAND, GLENN ARILD, NO
[71] CONTINYOU AS, NO
[85] 2019-03-18
[86] 2017-10-03 (PCT/EP2017/075050)
[87] (WO2018/065398)
[30] EP (16192618.3) 2016-10-06

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[13] A1
[51] **Int.Cl. A61K 31/167 (2006.01) A61K 31/192 (2006.01) A61K 31/194 (2006.01) A61K 31/375 (2006.01) A61K 31/522 (2006.01) A61K 33/08 (2006.01) A61K 33/10 (2006.01) A61K 45/06 (2006.01) A61P 25/24 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **METHOD TO ALLEVIATE THE SYMPTOMS OF PMS**
[54] **METHODE POUR SOULAGER LES SYMPTOMES DU SPM**
[72] CASH, ALAN B., US
[71] CASH, ALAN B., US
[85] 2019-03-15
[86] 2017-09-21 (PCT/US2017/052718)
[87] (WO2018/057737)
[30] US (62/398,319) 2016-09-22

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 90/50 (2016.01) A61C 1/00 (2006.01)**
[25] EN
[54] **TRACKING AND GUIDANCE ARRANGEMENT FOR A SURGICAL ROBOT SYSTEM AND RELATED METHOD**
[54] **AGENCEMENT DE SUIVI ET DE GUIDAGE POUR UN SYSTEME DE ROBOT CHIRURGICAL ET PROCEDE ASSOCIE**
[72] MOZES, ALON, US
[72] VAISH, SARVAGYA, US
[72] COLE, DAVID PETER, US
[72] ANDERSON, RYAN, US
[72] HE, WUWEI, US
[72] SALCEDO, JUAN, US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[71] NEOCIS INC., US
[85] 2019-03-18
[86] 2017-09-14 (PCT/IB2017/055584)
[87] (WO2018/051276)
[30] US (15/269,449) 2016-09-19

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C12N 5/16 (2006.01)**
[25] EN
[54] **AUTOLOGOUS CELLS FOR IMMUNIZATION OF CHICKENS**
[54] **CELLULES AUTOLOGUES POUR L'IMMUNISATION DE POULETS**
[72] COLLARINI, ELLEN, US
[72] VAN DE LAVOIR, MARIE-CECILE, US
[71] CRYSTAL BIOSCIENCE INC., US
[85] 2019-03-15
[86] 2017-09-21 (PCT/US2017/052818)
[87] (WO2018/067320)
[30] US (62/405,622) 2016-10-07

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[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/00 (2006.01) A61K 49/00 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **FLUORESCENT COMPOUND COMPRISING A FLUOROPHORE CONJUGATED TO A PH-TRIGGERED POLYPEPTIDE**
[54] **COMPOSE FLUORESCENT COMPRENANT UN FLUOROPHORE CONJUGUE A UN POLYPEPTIDE DECLENCHE PAR PH**
[72] RESHETNYAK, YANA K., US
[72] ANDREEV, OLEG A., US
[72] ENGELMAN, DONALD M., US
[71] RHODE ISLAND COUNCIL ON POSTSECONDARY EDUCATION, US
[71] YALE UNIVERSITY, US
[85] 2019-03-15
[86] 2017-09-22 (PCT/US2017/052984)
[87] (WO2018/057912)
[30] US (62/398,448) 2016-09-22

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[13] A1
[51] **Int.Cl. D02G 3/36 (2006.01) D02G 3/02 (2006.01)**
[25] EN
[54] **INFRARED-TRANSPARENT, POLYMER FIBER-BASED WOVEN TEXTILES FOR HUMAN BODY COOLING**
[54] **TEXTILES TISSES A BASE DE FIBRES POLYMERES TRANSPARENTS AU RAYONNEMENT INFRAROUGE POUR LE REFROIDISSEMENT DU CORPS HUMAIN**
[72] CUI, YI, US
[72] CATRYSSE, PETER B., US
[72] CHEN, JUN, US
[72] FAN, SHANHUI, US
[72] HSU, PO-CHUN, US
[72] PENG, YUCAN, US
[72] SONG, ALEX YU, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2019-03-15
[86] 2017-09-25 (PCT/US2017/053305)
[87] (WO2018/058062)
[30] US (62/399,974) 2016-09-26

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/497 (2006.01) A61P 29/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **4,5,6,7-TETRAHYDRO-1 H-IMIDAZO[4,5-C]PYRIDINE AND 1,4,5,6,7,8-HEXAHYDROIMIDAZO[4,5-D]AZEPINE DERIVATIVES AS JANUS KINASE INHIBITORS**
[54] **DERIVES 4,5,6,7-TETRAHYDRO-1H-IMIDAZO[4,5-C]PYRIDINE ET 1,4,5,6,7,8-HEXAHYDROIMIDAZO[4,5-D]AZEPINE EN TANT QU'INHIBITEURS DE JANUS KINASE**
[72] FYFE, MATTHEW COLIN THOR, GB
[71] TOPIVERT PHARMA LIMITED, GB
[85] 2019-03-18
[86] 2016-11-02 (PCT/GB2016/053387)
[87] (WO2017/077283)
[30] GB (1519381.6) 2015-11-03
[30] GB (1606968.4) 2016-04-21

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[13] A1
[51] **Int.Cl. B32B 7/06 (2019.01) A61J 1/00 (2006.01) B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/34 (2006.01) B32B 27/36 (2006.01)**
[25] EN
[54] **PEELABLE SEAL LAYER**
[54] **COUCHE D'ETANCHEITE PELABLE**
[72] VERLODT, INGEBORG, BE
[72] MALFAIT, TONY, BE
[71] AMCOR FLEXIBLES TRANSPAC BVBA, BE
[85] 2019-03-18
[86] 2017-10-17 (PCT/EP2017/076416)
[87] (WO2018/095657)
[30] EP (16200529.2) 2016-11-24

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01)**
[25] EN
[54] **WIRELESS ACTIVE TRACKING FIDUCIALS**
[54] **SUIVI DES FIDUCIALS ACTIFS SANS FIL**
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] SELA, GAL, CA
[72] DYER, KELLY NOEL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2019-02-01
[86] 2016-08-17 (PCT/CA2016/050963)
[87] (WO2018/032084)

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION OF ANTI CD19 ANTIBODY WITH A BCL-2 INHIBITOR AND USES THEREOF**
[54] **COMBINAISON D'ANTICORPS ANTI-CD19 AVEC UN INHIBITEUR DE BCL -2 ET UTILISATIONS DE CELLE-CI**
[72] ENDELL, JAN, DE
[72] PETROPOULOS, KONSTANTIN, DE
[72] KELEMEN, PETER, DE
[72] BOXHAMMER, RAINER, DE
[72] RUCKERT, MARKUS, DE
[71] MORPHOSYS AG, DE
[85] 2019-03-18
[86] 2017-10-27 (PCT/EP2017/077654)
[87] (WO2018/078123)
[30] EP (16196184.2) 2016-10-28

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01L 9/00 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **ANALYSIS DEVICE AND METHOD FOR TESTING A SAMPLE**
[54] **DISPOSITIF ET PROCEDE POUR TESTER UN ECHANTILLON**
[72] BRUCKMANN, GUENTER, DE
[72] NIEMEYER, AXEL, DE
[72] SCHMOLKE, HANNAH, DE
[72] SCHOLZ, GUENTER, DE
[72] WIRT, RENE, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2019-03-18
[86] 2017-10-05 (PCT/EP2017/025287)
[87] (WO2018/065110)
[30] EP (16 020 379.0) 2016-10-07

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/513 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **4,5,6,7-TETRAHYDRO-1H-IMIDAZO[4,5-C]PYRIDINE AND 1,4,5,6,7,8-HEXAHYDROIMIDAZO[4,5-D]AZEPINE DERIVATIVES AS JANUS KINASE INHIBITORS**
[54] **DERIVES DE 4,5,6,7-TETRAHYDRO-1H-IMIDAZO[4,5-C]PYRIDINE ET 1,4,5,6,7,8-HEXAHYDROIMIDAZO[4,5-D]AZEPINE A UTILISER EN TANT QU'INHIBITEURS DE JANUS KINASE**
[72] FYFE, MATTHEW COLIN THOR, GB
[71] TOPIVERT PHARMA LIMITED, GB
[85] 2019-03-18
[86] 2016-11-02 (PCT/GB2016/053392)
[87] (WO2017/077288)
[30] GB (1519382.4) 2015-11-03
[30] GB (1606971.8) 2016-04-21

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[13] A1
[51] **Int.Cl. A41D 13/00 (2006.01) D01F 1/10 (2006.01) D04B 21/04 (2006.01)**
[25] EN
[54] **COSMETIC FABRIC**
[54] **TISSU COSMETIQUE**
[72] ABATI, ANDREA, CH
[71] HUMANWELLNESS SA, CH
[85] 2019-03-18
[86] 2017-09-15 (PCT/IB2017/055601)
[87] (WO2018/051285)
[30] IT (102016000093856) 2016-09-19

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[13] A1
[51] **Int.Cl. H01M 8/04089 (2016.01) H01M 8/04537 (2016.01) H01M 8/04791 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD OF OPERATING A FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] REUM, MATHIAS, DE
[71] PROTON MOTOR FUEL CELL GMBH, DE
[85] 2019-03-18
[86] 2017-10-10 (PCT/EP2017/075823)
[87] (WO2018/069327)
[30] DE (10 2016 119 323.2) 2016-10-11

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[13] A1
[51] **Int.Cl. F03G 7/06 (2006.01)**
[25] EN
[54] **A MOVEABLE JOINT**
[54] **JOINT MOBILE**
[72] PEARSON, DAVID, GB
[71] UNITED KINGDOM RESEARCH AND INNOVATION, GB
[85] 2019-03-18
[86] 2017-09-06 (PCT/GB2017/052589)
[87] (WO2018/055330)
[30] GB (1616073.1) 2016-09-21

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[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING TIM-3 ELEVATION**
[54] **PROCEDES DE TRAITEMENT DE LA HAUSSE DU NIVEAU DE TIM-3**
[72] AGUILAR-CORDOVA, ESTUARDO, US
[72] GUZIK, BRIAN, US
[72] AGUILAR, LAURA KAYE, US
[72] CHIOCCA, ANTONIO E., US
[72] LAWLER, SEAN, US
[72] SPERANZA, MARIA CARMELLA, US
[71] ADVANTAGENE, INC., US
[85] 2019-03-15
[86] 2017-09-26 (PCT/US2017/053496)
[87] (WO2018/058123)
[30] US (62/399,976) 2016-09-26

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[13] A1
[51] **Int.Cl. A61K 31/7105 (2006.01) C12N 15/115 (2010.01) A61P 25/08 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **MIRNA PHARMACEUTICAL COMPOSITION AND THERAPEUTIC USES THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT MIARN ET SES UTILISATIONS THERAPEUTIQUES**
[72] DE PIETRI TONELLI, DAVIDE, IT
[72] PONS ESPINAL, MERITXELL, IT
[71] FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA, IT
[85] 2019-03-18
[86] 2017-09-18 (PCT/IB2017/055617)
[87] (WO2018/051293)
[30] IT (102016000093825) 2016-09-19

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[13] A1
[51] **Int.Cl. F16D 3/80 (2006.01) F16D 3/12 (2006.01) F16D 3/14 (2006.01) F16D 35/02 (2006.01) F16F 9/10 (2006.01) F16F 9/30 (2006.01) F16F 15/16 (2006.01)**
[25] EN
[54] **HIGH ENERGY DISSIPATION TORSIONAL VISCOUS DAMPER**
[54] **AMORTISSEUR VISQUEUX A TORSION A DISSIPATION D'ENERGIE ELEVEE**
[72] HAUPTMANN, EDWARD G., CA
[72] HORDYK, RICHARD A., CA
[71] LO-REZ VIBRATION CONTROL LTD., CA
[85] 2019-03-18
[86] 2017-09-15 (PCT/CA2017/051090)
[87] (WO2018/049530)
[30] US (62/495,503) 2016-09-16

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[13] A1
[51] **Int.Cl. G01N 21/65 (2006.01) C07C 273/00 (2006.01) G01N 1/10 (2006.01) G01N 1/22 (2006.01) G01N 21/01 (2006.01) G01N 21/15 (2006.01) G01N 21/85 (2006.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR ANALYSIS OF VENT GAS OF A UREA PLANT**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE GAZ D'EVENT D'UNE INSTALLATION D'UREE**
[72] CERRONE, CRISTINA, IT
[72] CARLESSI, LINO, IT
[72] SERRAFERO, ALBERTO, IT
[72] VIOLA, FRANCESCO, IT
[71] SAIPEM S.P.A., IT
[85] 2019-03-18
[86] 2017-09-19 (PCT/IB2017/055658)
[87] (WO2018/051313)
[30] IT (102016000093986) 2016-09-19

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[13] A1
[51] **Int.Cl. A61K 31/573 (2006.01) A61K 9/00 (2006.01) A61K 31/167 (2006.01) A61K 47/10 (2017.01) A61P 11/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
[85] 2019-03-18
[86] 2017-09-18 (PCT/GB2017/052762)
[87] (WO2018/051131)
[30] GB (1615908.9) 2016-09-19
[30] GB (1620515.5) 2016-12-02

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[13] A1
[51] **Int.Cl. A61B 3/032 (2006.01)**
[25] EN
[54] **OPTOMETRY DEVICE**
[54] **DISPOSITIF D'OPTOMETRIE**
[72] NAUCHE, MICHEL, FR
[72] BOUTINON, STEPHANE, FR
[71] ESSILOR INTERNATIONAL, FR
[85] 2019-03-18
[86] 2017-09-20 (PCT/EP2017/073817)
[87] (WO2018/054997)
[30] EP (16306224.3) 2016-09-22

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[13] A1
[51] **Int.Cl. E01C 19/40 (2006.01) E01C 19/00 (2006.01) E01C 19/30 (2006.01) E01C 19/41 (2006.01) E01C 23/01 (2006.01) E01C 23/06 (2006.01) E01C 23/07 (2006.01)**
[25] EN
[54] **CONCRETE SCREEDING SYSTEM WITH BOOM MOUNTED SCREED HEAD**
[54] **SYSTEME DE LISSAGE DE BETON AVEC TETE DE LISSAGE MONTEE SUR FLECHE**
[72] PIETILA, MARK A., US
[72] HALONEN, PHILIP D., US
[72] KANGAS, JAMES E., US
[72] QUENZI, PHILIP J., US
[71] SOMERO ENTERPRISES, INC., US
[85] 2019-03-18
[86] 2017-09-19 (PCT/IB2017/055679)
[87] (WO2018/051322)
[30] US (62/396,585) 2016-09-19
[30] US (62/420,636) 2016-11-11

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[13] A1
[51] **Int.Cl. C07D 217/26 (2006.01) A61K 31/5377 (2006.01)**
[25] EN
[54] **ACTIVATORS OF AUTOPHAGIC FLUX AND PHOSPHOLIPASE D AND CLEARANCE OF PROTEIN AGGREGATES INCLUDING TAU AND TREATMENT OF PROTEINOPATHIES**
[54] **ACTIVATEURS DE FLUX AUTOPHAGIQUE ET DE PHOSPHOLIPASE D ET CLAIRANCE D'AGREGATS DE PROTEINES COMPRENANT TAU ET TRAITEMENT DE PROTEINOPATHIES**
[72] RINDERSPACHER, KIRSTEN ALISON, US
[72] YU, WAI, US
[72] DUFF, KAREN, US
[72] LANDRY, DONALD, US
[72] DENG, SHI-XIAN, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[71] NY STATE PSYCHIATRIC INSTITUTE, US
[85] 2019-03-15
[86] 2017-10-03 (PCT/US2017/054969)
[87] (WO2018/067589)
[30] US (PCT/US2016/055561) 2016-10-05
[30] US (15/480,220) 2017-04-05

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[13] A1
[51] **Int.Cl. A61K 38/08 (2019.01) A61K 47/60 (2017.01) A61K 38/12 (2006.01) A61P 35/00 (2006.01) C07K 7/00 (2006.01) C07K 17/08 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **THERAPEUTIC MULTI-TARGETING CONSTRUCTS AND USES THEREOF**
[54] **CONSTRUCTIONS THERAPEUTIQUES MULTI-CIBLAGE ET UTILISATIONS ASSOCIEE**
[72] MORAD, ILAN, IL
[72] ITZHAKI, HANAN, IL
[71] AEBI LTD., IL
[85] 2019-03-18
[86] 2017-09-27 (PCT/IL2017/051094)
[87] (WO2018/061004)
[30] US (62/401,192) 2016-09-29
[30] US (62/401,195) 2016-09-29

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CELL MODULATION**
[54] **MODULATION CELLULAIRE**
[72] CONNARIS, HELEN, GB
[72] TELFORD, JUDITH, GB
[72] ROGERS, GRAEME, GB
[71] UNIVERSITY COURT OF THE UNIVERSITY OF ST. ANDREWS, GB
[85] 2019-03-18
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[51] **Int.Cl. B60P 1/16 (2006.01) B60P 1/28 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLED TIPPING OF A DUMP BODY IN A TRANSPORT VEHICLE**
[54] **SYSTEME DE BASCULEMENT COMMANDE D'UN CORPS DE BENNE DANS UN VEHICULE DE TRANSPORT**
[72] MESCHIARI, ANDREA, IT
[71] ITALAUTO CAR - SOCIETA' A RESPONSABILITA' LIMITATA, IT
[85] 2019-03-18
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[87] (WO2018/055565)
[30] IT (102016000095048) 2016-09-22

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[51] **Int.Cl. C07K 16/00 (2006.01)**
[25] EN
[54] **ANTIBODIES WITH REDUCED BINDING TO PROCESS IMPURITIES**
[54] **ANTICORPS A LIAISON REDUITE POUR TRAITER DES IMPURETES**
[72] BOSTEELS, HELLA, GB
[72] CHEN, SHUGUI, US
[72] FARROW, KAYELEIGH, GB
[72] KUCIA-TRAN, RICHARD, GB
[72] LEWIS, WILLIAM JOHN KENNETH, GB
[72] THOMSON, ANDREW S., US
[72] UDEN, MARK, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2019-03-18
[86] 2017-10-03 (PCT/EP2017/075038)
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[30] US (62/404,849) 2016-10-06

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[13] A1
[51] **Int.Cl. G06F 9/30 (2018.01)**
[25] EN
[54] **TEMPORARILY SUPPRESSING PROCESSING OF A RESTRAINED STORAGE OPERAND REQUEST**
[54] **SUPPRESSION TEMPORAIRE DU TRAITEMENT D'UNE DEMANDE D'OPERANDE DE STOCKAGE RESTREINTE**
[72] GIAMEI, BRUCE CONRAD, US
[72] JACOBI, CHRISTIAN, US
[72] SHUM, CHUNG-LUNG, US
[72] SCHMIDT, DONALD WILLIAM, US
[72] ROSA, DANIEL, US
[72] SAPORITO, ANTHONY, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2019-03-18
[86] 2018-01-09 (PCT/EP2018/050461)
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[30] US (15/404,254) 2017-01-12

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[51] **Int.Cl. G06F 12/02 (2006.01) G06F 12/0855 (2016.01) G06F 9/30 (2018.01) G06F 9/46 (2006.01) G06F 11/07 (2006.01) G06F 11/36 (2006.01) G06F 12/14 (2006.01)**
[25] EN
[54] **RUN-TIME INSTRUMENTATION OF GUARDED STORAGE EVENT PROCESSING**
[54] **INSTRUMENTATION DE TEMPS D'EXECUTION D'UN TRAITEMENT D'EVENEMENT DE STOCKAGE PROTEGE**
[72] GREINER, DAN, US
[72] SLEGEL, TIMOTHY, US
[72] JACOBI, CHRISTIAN, US
[72] SAPORITO, ANTHONY, US
[72] SHUM, CHUNG-LUNG, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2019-03-18
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[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/04 (2006.01)**
[25] EN
[54] **OPTICAL FIBER UNIT AND OPTICAL FIBER CABLE**
[54] **UNITE DE FIBRE OPTIQUE ET CABLE A FIBRE OPTIQUE**
[72] KANEKO, SOICHIRO, JP
[72] KAJI, TOMOAKI, JP
[72] ISAJI, MIZUKI, JP
[72] TOMIKAWA, KOUJI, JP
[72] OSATO, KEN, JP
[71] FUJIKURA LTD., JP
[85] 2019-03-18
[86] 2017-09-08 (PCT/JP2017/032471)
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[30] JP (2016-183491) 2016-09-20

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[51] **Int.Cl. C07C 45/00 (2006.01) C07C 49/403 (2006.01)**
[25] EN
[54] **METHOD OF HYDROGENATION OF PHENOL**
[54] **PROCEDE D'HYDROGENATION DE PHENOL**
[72] TREJO O'REILLY, JOSE ANTONIO, US
[72] SCHULTZ, ALFRED K., US
[71] ROHM AND HAAS COMPANY, US
[85] 2019-03-18
[86] 2017-09-06 (PCT/US2017/050179)
[87] (WO2018/057289)
[30] US (62/396,928) 2016-09-20

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[51] **Int.Cl. F25J 1/00 (2006.01) C01B 3/50 (2006.01) C01C 1/04 (2006.01) F25J 1/02 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CRYOGENIC PURIFICATION OF A FEED STREAM COMPRISING HYDROGEN, METHANE, NITROGEN AND ARGON**
[54] **SYSTEME ET PROCEDE POUR LA PURIFICATION CRYOGENIQUE D'UN FLUX D'ALIMENTATION COMPRENANT DE L'HYDROGENE, DU METHANE, DE L'AZOTE ET DE L'ARGON**
[72] HOWARD, HENRY E., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2019-03-18
[86] 2017-09-07 (PCT/US2017/050377)
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[30] US (15/271,559) 2016-09-21

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C21D 9/46 (2006.01) C22C 38/60 (2006.01) H01F 1/147 (2006.01)**
[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE MAGNETIQUE EN ACIER A GRAINS ORIENTES ET PROCEDE POUR SA FABRICATION**
[72] HAYAKAWA, YASUYUKI, JP
[72] TAKENAKA, MASANORI, JP
[72] IMAMURA, TAKESHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2019-03-18
[86] 2017-09-21 (PCT/JP2017/034170)
[87] (WO2018/056379)
[30] JP (2016-184742) 2016-09-21

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[51] **Int.Cl. G16H 20/17 (2018.01) G16H 40/63 (2018.01) A61M 5/172 (2006.01) G16H 20/30 (2018.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **INFUSION SYSTEMS AND METHODS FOR AUTOMATED MITIGATION OF EXERCISE EFFECTS**
[54] **SYSTEMES ET PROCEDES DE PERFUSION POUR UN ALLEGEMENT AUTOMATISE D'EFFETS D'EXERCICES**
[72] ROY, ANIRBAN, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2019-03-15
[86] 2017-10-04 (PCT/US2017/055207)
[87] (WO2018/067748)
[30] US (62/405,071) 2016-10-06
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[51] **Int.Cl. F25J 3/02 (2006.01) C01B 3/50 (2006.01) C01C 1/04 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR CRYOGENIC PURIFICATION OF A FEED STREAM COMPRISING HYDROGEN, METHANE, NITROGEN AND ARGON**
[54] **SYSTEME POUR LA PURIFICATION CRYOGENIQUE D'UN FLUX D'ALIMENTATION COMPRENANT DE L'HYDROGENE, DU METHANE, DE L'AZOTE ET DE L'ARGON**
[72] HOWARD, HENRY E., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2019-03-18
[86] 2017-09-07 (PCT/US2017/050378)
[87] (WO2018/057300)
[30] US (15/271,594) 2016-09-21

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[51] **Int.Cl. G06T 15/00 (2011.01) G06T 17/00 (2006.01)**
[25] EN
[54] **SURFACE MODELING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE MODELISATION DE SURFACE**
[72] NG-THOW-HING, VICTOR, US
[71] MAGIC LEAP, INC., US
[85] 2019-03-15
[86] 2017-10-05 (PCT/US2017/055313)
[87] (WO2018/067801)
[30] US (62/404,617) 2016-10-05

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[51] **Int.Cl. G06F 12/02 (2006.01) G06F 9/455 (2018.01)**
[25] EN
[54] **SAVING/RESTORING GUARDED STORAGE CONTROLS IN A VIRTUALIZED ENVIRONMENT**
[54] **SAUVEGARDE/RESTAURATION DE COMMANDES DE STOCKAGE PROTEGE DANS UN ENVIRONNEMENT VIRTUALISE**
[72] GREINER, DAN, US
[72] SLEGEL, TIMOTHY, US
[72] JACOBI, CHRISTIAN, US
[72] SAPORITO, ANTHONY, US
[72] SHUM, CHUNG-LUNG, US
[72] OSISEK, DAMIAN, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[86] 2018-01-12 (PCT/EP2018/050762)
[87] (WO2018/134136)
[30] US (15/409,633) 2017-01-19

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[51] **Int.Cl. G08G 1/123 (2006.01)**
[25] EN
[54] **VEHICLE CONTROL APPARATUS, VEHICLE CONTROL METHOD, AND PROGRAM**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE, PROCEDE DE COMMANDE DE VEHICULE, ET PROGRAMME**
[72] MATSUI, SHUHEI, JP
[72] HARADA, NAOYUKI, JP
[72] UMETANI, HIDEO, JP
[72] YAMAGUCHI, TAKUYA, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2019-03-18
[86] 2018-02-13 (PCT/JP2018/004779)
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[51] **Int.Cl. B29C 64/106 (2017.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01) C09D 11/04 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL (3-D) PRINTING INKS MADE FROM NATURAL EXTRACELLULAR MATRIX MOLECULES**
[54] **ENCRES D'IMPRESSION TRIDIMENSIONNELLES (3-D) FABRIQUEES A PARTIR DE MOLECULES DE MATRICE EXTRACELLULAIRE NATURELLE**
[72] BAGLEY, DAVID, US
[72] BAGLEY, BOWMAN, US
[72] PETERSON, DALE, US
[71] ADVANCED BIOMATRIX, INC., US
[85] 2019-03-15
[86] 2017-10-12 (PCT/US2017/056297)
[87] (WO2018/071639)
[30] US (62/406,977) 2016-10-12
[30] US (62/536,727) 2017-07-25

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[51] **Int.Cl. F03D 80/50 (2016.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR REPLACING WIND TURBINE COMPONENTS**
[54] **PROCEDE ET EQUIPEMENT PERMETTANT LE REMPLACEMENT DE COMPOSANTS D'EOLIENNES**
[72] GARCIA DE LA PENA, EMMANUEL, ES
[71] LEUNAMME ENGINEERING S.L.U., ES
[85] 2019-03-18
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[51] **Int.Cl. C09J 175/04 (2006.01) B27D 3/00 (2006.01) C08B 37/08 (2006.01) C08G 71/04 (2006.01) C09J 105/08 (2006.01)**
[25] EN
[54] **CHITOSAN-REINFORCED UREA-FORMALDEHYDE ADHESIVES FOR WOOD COMPOSITE MANUFACTURING**
[54] **ADHESIFS A BASE D'UREE-FORMALDEHYDE RENFORCES PAR DU CHITOSANE POUR LA FABRICATION DE BOIS COMPOSITE**
[72] WANG, XIANG-MING, CA
[72] YANG, DIAN-QING, CA
[72] ZHANG, YAOLIN, CA
[72] FENG, MARTIN, CA
[72] HE, GUANGBO, CA
[72] RAYMOND, STEPHAN, CA
[71] FPINNOVATIONS, CA
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[30] US (62/398,008) 2016-09-22

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[51] **Int.Cl. D21F 11/00 (2006.01) D21F 11/14 (2006.01)**
[25] EN
[54] **DEFLECTION MEMBER FOR MAKING FIBROUS STRUCTURES**
[54] **ELEMENT DE DEVIATION UNITAIRE POUR LA FABRICATION DE STRUCTURES FIBREUSES**
[72] BRENT, JOHN LESLIE, JR., US
[72] SINGER, JAMES MICHAEL, US
[72] MANIFOLD, JOHN ALLEN, US
[72] WATKINS, ERIC JAMES, US
[72] CASTILLO, MARIO, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-15
[86] 2017-10-27 (PCT/US2017/058662)
[87] (WO2018/081498)
[30] US (62/413,585) 2016-10-27
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[51] **Int.Cl. A23L 19/12 (2016.01) A23L 33/105 (2016.01) A61K 31/717 (2006.01) A61K 36/81 (2006.01) C07H 1/08 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR PRODUCING AND USING MITOCHONDRIAL PREPARATIONS**
[54] **MATERIAUX ET PROCEDES POUR PRODUIRE ET UTILISER DES PREPARATIONS MITOCHONDRIALES**
[72] KREAM, RICHARD, US
[72] STEFANO, GEORGE B., US
[71] MITOGENETICS, LLC, US
[85] 2019-03-18
[86] 2017-09-11 (PCT/US2017/050986)
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[30] US (62/396,521) 2016-09-19

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[51] **Int.Cl. A61K 47/54 (2017.01) A61K 31/724 (2006.01) A61K 31/765 (2006.01) A61P 13/12 (2006.01) C08B 37/16 (2006.01)**
[25] EN
[54] **CYCLODEXTRIN BASED POLYMERS, METHODS, COMPOSITIONS AND APPLICATIONS THEREOF**
[54] **POLYMERES A BASE DE CYCLODEXTRINE, ET LEURS PROCEDES, COMPOSITIONS ET APPLICATIONS**
[72] KULKARNI, ADITYA, IN
[72] DOLAS, ATUL, IN
[72] JOHNY, SONIYA, IN
[72] KHURANA, PRINCY, IN
[72] GOYAL, SANDEEP, IN
[71] ATEN PORUS LIFESCIENCES, IN
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[87] (WO2018/051298)
[30] IN (201641031941) 2016-09-19

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[51] **Int.Cl. D21F 11/00 (2006.01) D21F 11/14 (2006.01)**
[25] EN
[54] **DEFLECTION MEMBER FOR MAKING FIBROUS STRUCTURES**
[54] **ELEMENT DE DEVIATION POUR LA FABRICATION DE STRUCTURES FIBREUSES**
[72] BRENT, JOHN LESLIE, JR., US
[72] SINGER, JAMES MICHAEL, US
[72] MANIFOLD, JOHN ALLEN, US
[72] WATKINS, ERIC JAMES, US
[72] CASTILLO, MARIO, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2017-10-27 (PCT/US2017/058664)
[87] (WO2018/081500)
[30] US (62/413,585) 2016-10-27
[30] US (62/527,063) 2017-06-30

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[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **MODULATION OF MICRORNAS AGAINST MYOTONIC DYSTROPHY TYPE 1 AND ANTAGONISTS OF MICRORNAS THEREFOR**
[54] **MODULATION DE MICRO-ARN CONTRE LA DYSTROPHIE MYOTONIQUE DE TYPE 1 ET ANTAGONISTES DE MICRO-ARN ASSOCIES**
[72] ARTERO ALLEPUZ, RUBEN D., ES
[72] LLAMUSI TROISI, MARIA BEATRIZ, ES
[72] CERRO HERREROS, ESTEFANIA, ES
[72] FERNANDEZ COSTA, JUAN M., ES
[71] UNIVERSITAT DE VALENCIA, ES
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[86] 2017-09-19 (PCT/EP2017/073685)
[87] (WO2018/050930)
[30] ES (201631216) 2016-09-19

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[51] **Int.Cl. H01H 33/66 (2006.01) H01H 9/52 (2006.01)**
[25] EN
[54] **ADVANCED COOLING SYSTEM FOR ELECTRICAL EQUIPMENT**
[54] **SYSTEME DE REFROIDISSEMENT AVANCE POUR EQUIPEMENT ELECTRIQUE**
[72] YANG, HE, CN
[72] YU, LI, US
[72] CHEN, JIONG, CN
[72] MAO, MARK, CN
[72] XIN, CHAO, CN
[72] YANG, YUJIE, CN
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2019-03-18
[86] 2017-09-13 (PCT/US2017/051278)
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[30] US (15/268,716) 2016-09-19

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[51] **Int.Cl. A47F 5/00 (2006.01) A47F 5/01 (2006.01) G03B 21/10 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SHELF SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME DE RAYONNAGE ET PROCEDES ASSOCIES**
[72] JONES, NICHOLAUS ADAM, US
[72] JONES, MATTHEW ALLEN, US
[72] VASGAARD, AARON JAMES, US
[71] WAL-MART STORES, INC., US
[85] 2019-03-18
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[87] (WO2018/071096)
[30] US (62/407,821) 2016-10-13

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[13] A1
[51] **Int.Cl. G06F 9/48 (2006.01) G06F 9/50 (2006.01)**
[25] EN
[54] **TIME-SLICE-INSTRUMENTATION FACILITY**
[54] **INSTALLATION D'INSTRUMENTATION DE TRANCHE DE TEMPS**
[72] GIAMEI, BRUCE CONRAD, US
[72] SCHMIDT, DONALD WILLIAM, US
[72] JACOBI, CHRISTIAN, US
[72] SAPORITO, ANTHONY, US
[72] ROSA, DANIEL, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[87] (WO2018/130375)
[30] US (15/402,412) 2017-01-10

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/00 (2012.01) G08G 1/09 (2006.01)**
[25] EN
[54] **ELECTRONIC DISPLAY SYSTEMS CONNECTED TO VEHICLES AND VEHICLE-BASED SYSTEMS**
[54] **SYSTEMES D'AFFICHAGE ELECTRONIQUE CONNECTES A DES VEHICULES ET SYSTEMES EMBARQUES DANS UN VEHICULE**
[72] WASSERMAN, ROBERT, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2019-03-18
[86] 2017-09-15 (PCT/US2017/051762)
[87] (WO2018/053252)
[30] US (15/267,771) 2016-09-16

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[51] **Int.Cl. F15B 1/02 (2006.01) B60K 6/12 (2006.01) B60T 1/10 (2006.01) F15B 3/00 (2006.01) F15B 21/14 (2006.01) F16H 39/02 (2006.01)**
[25] EN
[54] **THERMAL HYDRAULIC PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION HYDRAULIQUE THERMIQUE**
[72] ABAITANCEI, HORIA, RO
[72] MIHAI, CORNEL, RO
[72] IOANA, STEFAN, US
[71] A & A INTERNATIONAL, LLC, US
[85] 2019-03-15
[86] 2017-10-27 (PCT/US2017/058883)
[87] (WO2018/081651)
[30] US (62/496,784) 2016-10-28
[30] US (62/498,337) 2016-12-21
[30] US (62/498,347) 2016-12-21
[30] US (62/498,338) 2016-12-21
[30] US (62/498,336) 2016-12-21
[30] US (15/731,360) 2017-06-01
[30] US (62/577,630) 2017-10-26
[30] RO (A/2017/00883) 2017-10-27

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[51] **Int.Cl. A61F 9/008 (2006.01) A61B 3/10 (2006.01) A61B 3/107 (2006.01) A61B 3/18 (2006.01)**
[25] EN
[54] **SYSTEMS FOR OPTHALMIC MEASUREMENTS AND LASER SURGERY AND SYSTEMS FOR SURGICAL PLANNING BASED THEREON**
[54] **SYSTEMES DE MESURES OPHTALMIQUES ET DE CHIRURGIE AU LASER ET SYSTEMES DE PLANIFICATION CHIRURGICALE BASES SUR CEUX-CI**
[72] DEWEY, DAVID A., US
[72] GONZALEZ, JAVIER G., US
[72] SCHUELE, GEORG, US
[72] SCOTT, DAVID D., US
[71] OPTIMEDICA CORPORATION, US
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[86] 2016-09-19 (PCT/US2016/052543)
[87] (WO2018/052455)

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[13] A1
[51] **Int.Cl. A61B 5/0488 (2006.01) A61B 5/00 (2006.01) A61B 5/04 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **REMOTE CONTROL MODULE FOR INSTRUMENTS**
[54] **MODULE DE COMMANDE A DISTANCE POUR INSTRUMENTS**
[72] CANTWELL, MATTHEW L., US
[72] LI, WENJENG, US
[72] MCFARLIN, KEVIN L., US
[72] NARASIMHAN, ANIRUDHAN, US
[71] MEDTRONIC XOMED, INC., US
[85] 2019-03-18
[86] 2017-09-15 (PCT/US2017/051825)
[87] (WO2018/053295)
[30] US (15/269,051) 2016-09-19

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[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONTROLLED PROPELLANT MATERIALS FOR SUBTERRANEAN ZONAL ISOLATION AND DIVERSION**
[54] **MATERIAUX PROPULSEURS COMMANDES ELECTRIQUEMENT POUR ISOLATION ET DEVIATION DE ZONES SOUTERRAINES**
[72] NGUYEN, PHILIP D., US
[72] WARPINSKI, NORMAN R., US
[72] MARTYSEVICH, VLADIMIR NIKOLAYEVICH, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] REYES, ENRIQUE ANTONIO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-18
[86] 2016-10-27 (PCT/US2016/059161)
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[13] A1
[51] **Int.Cl. A62C 4/02 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS, & METHOD FOR FLAME ARRESTER**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR ARRETE-FLAMMES**
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[72] KRBEC, JASON R., US
[72] CUDNIK, ROBERT V., US
[72] CVETAS, MARTIN J., US
[71] CV TECHNOLOGY, INC., US
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[25] EN
[54] **COLOR PROTECTION IN FABRICS USING CITRIC ACID AND IMINODISUCCINATE IN FINE FABRIC LIQUID DETERGENT**
[54] **PROTECTION DES COULEURS DANS DES TISSUS AU MOYEN D'ACIDE CITRIQUE ET D'IMINODISUCCINATE DANS UN DETERGENT LIQUIDE POUR TISSUS FINS**
[72] FUENTES FERRANDO, HECTOR, MX
[72] PEREZ CASTILLO, GABRIELA, MX
[72] PEDROZA DE LEON, VANIA CELESTE, MX
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **HIERARCHISATION DE PAQUETS BASEE SUR DES INFORMATIONS D'ESTAMPILLE TEMPORELLE DE PAQUET**
[72] HARDT, CHARLES, US
[71] ARRIS ENTERPRISES LLC, US
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[25] EN
[54] **REFRIGERATED MERCHANDISER INCLUDING EUTECTIC PLATE REFRIGERATION**
[54] **PRESENTOIR REFRIGERE COMPRENANT UN SYSTEME DE REFRIGERATION A PLAQUES EUTECTIQUES**
[72] RAJAGOPALAN, ANAND G., US
[72] LIU, JIACHING, US
[71] HUSSMANN CORPORATION, US
[85] 2019-03-18
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[51] **Int.Cl. A61F 9/01 (2006.01) A61F 9/008 (2006.01) A61F 9/013 (2006.01)**
[25] EN
[54] **SYSTEM FOR CORRECTING AN IRREGULAR SURFACE OF A CORNEA AND USES THEREOF**
[54] **SYSTEME DE CORRECTION D'UNE SURFACE IRREGULIERE D'UNE CORNEE ET SES UTILISATIONS**
[72] PALLIKARIS, IOANNIS, GR
[71] PALLIKARIS, IOANNIS, GR
[85] 2019-03-18
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[54] **VEHICLE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VEHICULE**
[72] MONG, TAB ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-03-18
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[54] **METHODS AND SYSTEMS FOR INSTANTANEOUS ASYNCHRONOUS MEDIA SHARING**
[54] **PROCEDES ET SYSTEMES DE PARTAGE MULTIMEDIA ASYNCHRONE INSTANTANE**
[72] HIREMATH, VINAY SIDDHARAM, US
[71] LOOM, INC., US
[85] 2019-03-18
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[54] **VOLTAGE INDICATOR DISPLAY MODULE**
[54] **MODULE D'AFFICHAGE D'INDICATEUR DE TENSION**
[72] BLANTON, DEREK W., US
[72] ADAMS, MICHAEL, US
[71] PANDUIT CORP., US
[85] 2019-03-18
[86] 2017-09-18 (PCT/US2017/051977)
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[54] **IMPROVED COILED TUBING INJECTOR DRIVELINE**
[54] **CHAINE CINEMATIQUE AMELIOREE D'INJECTEUR A TUBE SPIRALE**
[72] VAUGHAN, PHILLIP D., US
[71] PREMIER COIL SOLUTIONS, INC., US
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[54] **CONTROLLING AT LEAST ONE LUBRICATION APPARATUS ACCORDING TO WHETHER VIBRATION SATISFIES ONE OF A PLURALITY OF DIFFERENT CRITERIA**
[54] **COMMANDE D'AU MOINS UN APPAREIL DE LUBRIFICATION EN FONCTION DE LA SATISFACTION D'UN CRITERE PARMI UNE PLURALITE DE CRITERES DIFFERENTS PAR DES VIBRATIONS**
[72] ORLITZKY, STEPHAN KARL, CA
[71] STEPHANIA HOLDINGS INC., CA
[85] 2019-03-18
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[51] **Int.Cl. A61K 35/28 (2015.01) A61K 39/39 (2006.01)**
[25] EN
[54] **METHOD OF TARGETING ONCOLYTIC VIRUSES TO TUMORS**
[54] **PROCEDE DE CIBLAGE DE VIRUS ONCOLYTIQUES AUX TUMEURS**
[72] MOHAPATRA, SHYAM S., US
[72] MOHAPATRA, SUBHRA, US
[71] UNIVERSITY OF SOUTH FLORIDA, US
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[54] **METHOD AND DEVICE FOR TRANSMITTING SIGNAL**
[54] **PROCEDE ET DISPOSITIF D'EMISSION DE SIGNAL**
[72] TANG, HAI, CN
[72] XU, HUA, CA
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **TARGETED GENOME OPTIMIZATION IN PLANTS**
[54] **OPTIMISATION CIBLEE DU GENOME DANS DES PLANTES**
[72] D'HALLUIN, KATELIJN, BE
[72] BOSSIER, EVELINE, BE
[71] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
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[51] **Int.Cl. A61K 39/12 (2006.01)**
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[54] **FORMULATIONS DE VACCIN PRESENTANT UNE STABILITE ACCRUE**
[72] KOSUDA, KATHRYN M., US
[72] MILLER, DAVID P., US
[72] JAIN, NISHANT K., US
[72] PALMER, CARTER R., US
[72] KLUGE, JONATHAN A., US
[72] STINSON, JORDAN A., US
[72] LI, ADRIAN BENTON, US
[72] KRISIEWICZ, ALEXANDRA, US
[71] VAXESS TECHNOLOGIES, INC., US
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[25] FR
[54] **METHOD FOR PRINTING ON AN EXTERIOR FACE OF LAMINATED GLAZING**
[54] **PROCEDE D'IMPRESSION SUR UNE FACE EXTERIEURE D'UN VITRAGE FEUILLETE**
[72] BRIQUET, CLEMENT, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **A SYSTEM FOR PARASITIC POWER GENERATION AND CONTROL OF A LOAD-HANDLER FOR A LIFT TRUCK**
[54] **SYSTEME DE PRODUCTION D'ENERGIE PARASITE ET DE COMMANDE D'UN DISPOSITIF DE MANIPULATION DE CHARGE POUR UN CHARIOT ELEVATEUR**
[72] HAMLIK, JIM D., US
[72] HAMLIK, JOEL D., US
[71] RIGHTLINE EQUIPMENT, INC., US
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[86] 2017-09-19 (PCT/US2017/052358)
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[51] **Int.Cl. G06F 3/038 (2013.01) G06F 3/041 (2006.01)**
[25] FR
[54] **PREDICTIVE DISPLAY DEVICE**
[54] **DISPOSITIF A AFFICHAGE PREDICTIF**
[72] CASIEZ, GERY, FR
[72] EFIMOV, DENIS, FR
[72] USHIROBIRA, ROSANE, FR
[72] ARANOVSKIY, STANISLAV, FR
[72] ROUSSEL, NICOLAS, FR
[71] INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
[71] UNIVERSITE DE LILLE, FR
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[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING CONDITIONS ON SHELVES**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'ETATS SUR DES ETAGERES**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-18
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[51] **Int.Cl. H01F 27/00 (2006.01)**
[25] EN
[54] **MAGNETIC PULSE ACTUATION ARRANGEMENT HAVING A RELUCTANCE REDUCTION CONFIGURATION AND METHOD**
[54] **SYSTEME D'ACTIONNEMENT A IMPULSION MAGNETIQUE A CONFIGURATION DE REDUCTION DE RELUCTANCE, ET PROCEDE**
[72] PRIETO, CARLOS, US
[72] FREEMAN, JAMES JOSEPH, US
[72] EWING, DANIEL, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-03-18
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[51] **Int.Cl. G06K 7/00 (2006.01) G06Q 10/08 (2012.01) G06K 7/10 (2006.01) G06K 17/00 (2006.01) G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC PERMEABILITY THROUGH MODULAR BACKSPLASH**
[54] **PERMEABILITE ELECTROMAGNETIQUE PAR RETROPROJECTIONS MODULAIRES**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-18
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[51] **Int.Cl. F25J 3/02 (2006.01) C01B 3/50 (2006.01) C01C 1/04 (2006.01) F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CRYOGENIC PURIFICATION OF A FEED STREAM COMPRISING HYDROGEN, METHANE, NITROGEN AND ARGON**
[54] **SYSTEME ET PROCEDE DE PURIFICATION CRYOGENIQUE D'UN FLUX D'ALIMENTATION COMPRENANT DE L'HYDROGENE, DU METHANE, DE L'AZOTE ET DE L'ARGON**
[72] HOWARD, HENRY E., US
[71] PRAXAIR TECHNOLOGY, INC., US
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[51] **Int.Cl. A61L 29/16 (2006.01)**
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[54] **NOVEL AMINOBISPHOSPHONATE ANTIWEAR ADDITIVES**
[54] **NOUVEAUX ADDITIFS ANTI-USURE A BASE D'AMINOBISPHOSPHONATE**
[72] BAKER, JOHN MARSHALL, GB
[72] CARPENTIER, GUILLAUME, GB
[71] AFTON CHEMICAL CORPORATION, US
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[30] US (62/396,465) 2016-09-19
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[54] **TRANSFORMING ATTRIBUTES FOR TRAINING AUTOMATED MODELING SYSTEMS**
[54] **TRANSFORMATION D'ATTRIBUTS PERMETTANT DE FORMER DES SYSTEMES DE MODELISATION AUTOMATISEE**
[72] LITHERLAND, TREVIS J., US
[72] HAO, LI, US
[72] BONDUGULA, RAJKUMAR, US
[71] EQUIFAX INC., US
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[86] 2017-09-21 (PCT/US2017/052659)
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[54] **DATA BUFFERING CONTROL SYSTEM AND METHOD FOR A COMMUNICATION NETWORK**
[54] **SYSTEME DE COMMANDE DE MISE EN MEMOIRE TAMPON DE DONNEE ET PROCEDE POUR UN RESEAU DE COMMUNICATION**
[72] TORRES, ROBERT JAMES, US
[72] JAVALI, NAGESH, US
[72] GANESAN, VENKAT, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
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[54] **EXTENDABLE ELEMENT SYSTEMS FOR DOWNHOLE TOOLS**
[54] **SYSTEMES D'ELEMENTS EXTENSIBLES POUR OUTILS DE FOND DE TROU**
[72] MAU, FABIAN, US
[72] EGGERS, HEIKO, US
[72] PETERS, VOLKER, US
[72] BENEDICT, DETLEV, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **UNIVERSAL ROTATING STRIPPER ADAPTER**
[54] **ADAPTATEUR TOURNANT UNIVERSEL DE PUITS MARGINAL**
[72] VAUGHAN, PHILLIP D., US
[71] PREMIER COIL SOLUTIONS, INC., US
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[54] **SYSTEM AND METHOD FOR PREDICTING MORTALITY AMONGST A USER BASE**
[54] **SYSTEME ET PROCEDE DE PREDICTION DE LA MORTALITE A PARTIR D'UNE BASE DE DONNEES D'UTILISATEURS**
[72] JIAO, SHUO, US
[72] SHAH, MUNJAL, US
[72] HINCHEY, RYAN, US
[72] FAN, CATHY YE, US
[72] SINGH, ARDAMAN, US
[71] HI.Q, INC., US
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[87] (WO2018/057798)
[30] US (15/273,585) 2016-09-22
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[25] EN
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[54] **ROTATION AUTOMATIQUE DE SECRET INSENSIBLE AUX DEFAILLANCES**
[72] NESS, ANDY, US
[72] NG, MANSON, US
[72] STEINBOK, JEFFREY E., US
[72] MCDOWELL, JEFF, US
[72] MOULHAUD, PATRICK, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[51] **Int.Cl. E21B 34/08 (2006.01) F16K 17/04 (2006.01) F16K 17/168 (2006.01) G05D 16/10 (2006.01)**
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[54] **SOUPAPE DE SURPRESSION**
[72] FINK, DANIEL R., US
[71] FMC TECHNOLOGIES, INC., US
[85] 2019-03-18
[86] 2017-09-26 (PCT/US2017/053558)
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[54] **MASS FLOWMETER USING THERMAL DISPERSION TECHNOLOGY**
[54] **DEBITMETRE MASSIQUE UTILISANT UNE TECHNOLOGIE DE DISPERSION THERMIQUE**
[72] BESS, MICHAEL, US
[72] LE, DANG, US
[72] BARNETT, JACK, US
[72] OBERMAN, MARK, US
[72] PATTON, SCOTT, US
[72] WIBLE, ERIC, US
[71] FLUID COMPONENTS INTERNATIONAL LLC, US
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[54] **METHOD AND APPARATUS FOR PEAK WEIGHT DETECTION**
[54] **PROCEDE ET APPAREIL DE DETECTION DE POIDS DE VALEUR MAXIMALE**
[72] JOHANSEN, STEVEN L., US
[72] BUMP, JEROME A., US
[71] DIGI-STAR, LLC, US
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[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **TEMPLATE BASED CALENDAR EVENTS WITH GRAPHIC ENRICHMENT**
[54] **EVENEMENTS DE CALENDRIER FONDES SUR UN MODELE A ENRICHISSEMENT GRAPHIQUE**
[72] KUMAR, MICHAEL J., US
[72] TSUKAHARA, HIROSHI, US
[72] CARVER, BRIAN T., US
[72] CLINTON, MARGARET R., US
[72] TUOMI, ELONA, US
[72] WAN, JIANG, US
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[30] US (62/415,420) 2016-10-31
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[51] **Int.Cl. G01B 11/25 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR DRYWALL JOINT DETECTION AND MEASUREMENT**
[54] **SYSTEME, PROCEDE ET APPAREIL DE DETECTION ET DE MESURE DE JOINT DE CLOISON SECHE**
[72] DUBOST, BRICE, US
[72] WIJESOORIYA, SIDATH S., US
[72] PYTEL, RACHEL Z., US
[71] CERTAINTEED GYPSUM, INC., US
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[51] **Int.Cl. B23K 26/00 (2014.01)**
[25] EN
[54] **LASER METAL DEPOSITION WELDING PROCESS, PARTS FORMED THEREFROM AND THEIR USAGE IN OIL, GAS AND PETROCHEMICAL APPLICATIONS**
[54] **PROCEDE DE SOUDAGE LASER AVEC APPORT DE METAL, PIECES FORMEES A PARTIR DE CELUI-CI ET LEUR UTILISATION DANS DES APPLICATIONS PETROLIERES, GAZIERES ET PETROCHIMIQUES**
[72] MA, NING, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2019-03-18
[86] 2017-09-22 (PCT/US2017/052873)
[87] (WO2018/075195)
[30] US (62/408,977) 2016-10-17

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[51] **Int.Cl. C11D 17/04 (2006.01) B65D 65/46 (2006.01) C08J 5/18 (2006.01)**
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[54] **WATER-SOLUBLE FILM WITH LOW COEFFICIENT OF FRICTION**
[54] **FILM HYDROSOLUBLE A FAIBLE COEFFICIENT DE FROTTEMENT**
[72] LEE, DAVID M., US
[72] BROMBY, PERCY, II, US
[71] MONOSOL, LLC, US
[85] 2019-03-18
[86] 2017-10-27 (PCT/US2017/058657)
[87] (WO2018/081494)
[30] US (62/413,929) 2016-10-27

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[51] **Int.Cl. G06T 7/00 (2017.01)**
[25] EN
[54] **COMPUTER VISION SYSTEMS AND METHODS FOR DETECTING AND MODELING FEATURES OF STRUCTURES IN IMAGES**
[54] **SYSTEMES ET PROCEDES DE VISION PAR ORDINATEUR DE DETECTION ET DE MODELISATION DE CARACTERISTIQUES DE STRUCTURES DANS DES IMAGES**
[72] LEWIS, JEFFREY D., US
[72] PORTER, BRYCE ZACHARY, US
[72] JUSTUS, RYAN MARK, US
[71] XACTWARE SOLUTIONS, INC., US
[85] 2019-03-18
[86] 2017-09-27 (PCT/US2017/053631)
[87] (WO2018/125339)
[30] US (15/277,359) 2016-09-27

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[51] **Int.Cl. A23L 29/20 (2016.01) A23L 29/212 (2016.01) A23L 29/262 (2016.01) A23L 2/52 (2006.01) A23L 2/56 (2006.01) A23L 2/60 (2006.01)**
[25] EN
[54] **MOUTHFEEL BLENDS FOR LOW AND NON-CALORIC BEVERAGES**
[54] **MELANGE POUR LA SENSATION EN BOUCHE DE BOISSONS FAIBLEMENT CALORIQUES ET NON CALORIQUES**
[72] BRIJWANI, KHUSHAL, US
[72] KIM, JUNG MIN, US
[72] POTINENI, RAJESH VENKATA, US
[71] PEPSICO, INC., US
[85] 2019-03-18
[86] 2017-10-03 (PCT/US2017/054852)
[87] (WO2018/067503)
[30] US (15/285,155) 2016-10-04

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[25] EN
[54] **PROCESSING PAYMENT REFUNDS FOR INVALID PAYMENT INSTRUMENTS**
[54] **TRAITEMENT DE REMBOURSEMENTS DE PAIEMENT POUR DES INSTRUMENTS DE PAIEMENT NON VALIDES**
[72] KIEFFER, BRADLEY JOSEPH, US
[72] BERRY, CHARLES DAVID, US
[72] MATTHEWS, MARK, US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-18
[86] 2017-09-22 (PCT/US2017/052881)
[87] (WO2018/067324)
[30] US (62/404,963) 2016-10-06

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[25] EN
[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE**
[72] GOLD, DANIEL P., US
[71] MEI PHARMA, INC., US
[85] 2019-03-18
[86] 2017-09-18 (PCT/US2017/052086)
[87] (WO2018/053437)
[30] US (62/396,734) 2016-09-19
[30] US (62/412,720) 2016-10-25

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **NONINVASIVE PRENATAL SCREENING USING DYNAMIC ITERATIVE DEPTH OPTIMIZATION**
[54] **DEPISTAGE PRENATAL NON INVASIF UTILISANT UNE OPTIMISATION DE PROFONDEUR ITERATIVE DYNAMIQUE**
[72] MUZZEY, DALE, US
[72] ARTIERI, CARLO G., US
[72] EVANS, ERIC ANDREW, US
[72] HAQUE, IMRAN SAEEDUL, US
[71] MYRIAD WOMEN'S HEALTH, INC., US
[85] 2019-03-18
[86] 2017-09-29 (PCT/US2017/054318)
[87] (WO2018/064486)
[30] US (62/401,730) 2016-09-29
[30] US (62/424,303) 2016-11-18
[30] US (62/475,754) 2017-03-23
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[30] US (62/554,910) 2017-09-06

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[25] EN
[54] **COMPOSITIONS AND METHODS OF PET FOOD**
[54] **COMPOSITIONS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE ET PROCEDES CORRESPONDANTS**
[72] PANICKAR, KIRAN, US
[72] JEWELL, DENNIS, US
[72] GORALCZYK, REGINA, CH
[72] PIUSSI, JENNY, CH
[72] MOHAJERI, HASAN, CH
[71] HILL'S PET NUTRITION, INC., US
[71] DSM IP ASSETS B.V., NL
[85] 2019-03-18
[86] 2017-11-10 (PCT/US2017/060983)
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[30] US (62/421,006) 2016-11-11

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **YAP1 INHIBITORS THAT TARGET THE INTERACTION OF YAP1 WITH OCT4**
[54] **INHIBITEURS DE YAP1 CIBLANT L'INTERACTION DE YAP1 AVEC OCT4**
[72] CHELLAPAN, SRIKUMAR, US
[72] LAWRENCE, NICHOLAS J., US
[72] MUDIYANSELAGE, SUJEEWA RANATUNGA MAHANTHE, US
[71] H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC., US
[85] 2019-03-18
[86] 2017-09-18 (PCT/US2017/052103)
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[30] US (62/396,190) 2016-09-18
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[51] **Int.Cl. B22D 13/04 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 40/00 (2015.01) B22D 27/08 (2006.01) B22D 27/13 (2006.01) B22F 3/105 (2006.01)**
[25] EN
[54] **HIGH PRESSURE ALLOY CASTING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE COULAGE D'ALLIAGE A HAUTE PRESSION**
[72] SAMPLE, VIVEK M., US
[72] CHU, MEN GLENN, US
[72] KRUZYNSKI, MARK T., US
[72] CARDINALE, MICHAEL, US
[72] KILMER, RAYMOND J., US
[72] WAITKUS, EVAN C., US
[71] ARGONIC INC., US
[85] 2019-03-18
[86] 2017-10-02 (PCT/US2017/054767)
[87] (WO2018/071217)
[30] US (62/406,285) 2016-10-10

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[51] **Int.Cl. A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 1/21 (2006.01)**
[25] EN
[54] **BROAD SPECTRUM INSECTICIDAL POLYPEPTIDE AGAINST LEPIDOPTERAN PESTS AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDE INSECTICIDE A LARGE SPECTRE CONTRE LES LEPIDOPTERES NUISIBLES ET SES PROCEDES D'UTILISATION**
[72] ABAD, ANDRE ROGER, US
[72] CROW, ANDREW CARL, US
[72] POLAND, BRAD, US
[72] WANG, JIMEI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2019-03-18
[86] 2017-09-25 (PCT/US2017/053178)
[87] (WO2018/075197)
[30] US (62/410,045) 2016-10-19

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **IMPROVED PLUG AND PLUG SEAT SYSTEM**
[54] **SYSTEME DE SIEGE DE BOUCHON ET DE BOUCHON AMELIORE**
[72] GODFREY, MATTHEW, US
[72] MUSCROFT, WILLIAM, US
[71] PEAK COMPLETION TECHNOLOGIES, INC., US
[85] 2019-03-18
[86] 2017-10-04 (PCT/US2017/055198)
[87] (WO2018/067739)
[30] US (62/403,885) 2016-10-04

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[13] A1
[51] **Int.Cl. A46B 15/00 (2006.01) A46B 9/04 (2006.01)**
[25] EN
[54] **ORAL CARE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SOINS BUCCO-DENTAIRES**
[72] GATZEMEYER, JOHN JACOB, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-03-18
[86] 2017-11-13 (PCT/US2017/061285)
[87] (WO2018/089886)
[30] US (15/350,266) 2016-11-14

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[51] **Int.Cl. B29C 64/264 (2017.01) G02B 26/10 (2006.01)**
[25] EN
[54] **BEAM MANIPULATION SYSTEM**
[54] **SYSTEME DE MANIPULATION DE FAISCEAU**
[72] BIBAS, CHARLES, US
[71] BIBAS, CHARLES, US
[85] 2019-03-18
[86] 2017-09-25 (PCT/US2017/053342)
[87] (WO2018/058080)
[30] US (62/399,791) 2016-09-26

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[51] **Int.Cl. E21B 33/03 (2006.01) E21B 34/02 (2006.01) E21B 41/00 (2006.01) E21B 43/12 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **CHOKE SYSTEM FOR WELLHEAD ASSEMBLY HAVING A TURBINE GENERATOR**
[54] **SYSTEME DE DUSE POUR ENSEMBLE TETE DE PUITS COMPORTANT UNE TURBOGENERATRICE**
[72] AL-DOSSARY, FAISAL M., SA
[72] AL-ZAHRANI, MOHAMMED S., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2019-03-18
[86] 2017-10-06 (PCT/US2017/055591)
[87] (WO2018/067968)
[30] US (15/286,707) 2016-10-06

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[51] **Int.Cl. H04W 4/00 (2018.01) H04W 48/18 (2009.01) H04W 4/02 (2018.01) H04W 12/06 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **IOT PROVISIONING SERVICE**
[54] **SERVICE DE FOURNITURE D'IDO**
[72] BERDY, NICOLE, US
[72] DOTCHKOFF, KONSTANTIN, US
[72] SAMUEL, ARJMAND, US
[72] DAR, AFFAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2019-03-18
[86] 2017-10-09 (PCT/US2017/055679)
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[30] US (15/294,675) 2016-10-14

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[51] **Int.Cl. G06T 7/50 (2017.01) H04N 5/222 (2006.01)**
[25] EN
[54] **MULTI-CAMERA IMAGING SYSTEMS**
[54] **SYSTEMES D'IMAGERIE A PLUSIEURS CAMERAS**
[72] KLOSTERMAN, JOHN, US
[71] TAU TECHNOLOGIES, LLC, US
[85] 2019-03-18
[86] 2017-09-18 (PCT/US2017/052105)
[87] (WO2018/071138)
[30] US (62/396,780) 2016-09-19

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[51] **Int.Cl. G06F 21/30 (2013.01) H04W 4/00 (2018.01) H04W 12/06 (2009.01) G06F 9/445 (2018.01) H04L 29/06 (2006.01)**
[25] EN
[54] **AUTOMATIC PROVISIONING OF IOT DEVICES**
[54] **ATTRIBUTION AUTOMATIQUE DE DISPOSITIFS IDO**
[72] BERDY, NICOLE, US
[72] DOTCHKOFF, KONSTANTIN, US
[72] SAMUEL, ARJMAND, US
[72] DAR, AFFAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2019-03-18
[86] 2017-10-09 (PCT/US2017/055680)
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[30] US (15/294,679) 2016-10-15

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-LAG-3 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-LAG-3 ET LEURS PROCEDES D'UTILISATION**
[72] WILSON, NICHOLAS STUART, US
[72] SAVITSKY, DAVID ADAM, US
[72] JENNINGS, SHAWN MICHAEL, US
[72] VAN DIJK, MARC, NL
[72] MUNDT, CORNELIA ANNE, DE
[71] AGENUS INC., US
[85] 2019-03-18
[86] 2017-10-11 (PCT/US2017/056078)
[87] (WO2018/071500)
[30] US (62/406,766) 2016-10-11
[30] US (62/420,280) 2016-11-10

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[51] **Int.Cl. A23L 2/02 (2006.01) A23L 2/56 (2006.01) A23L 2/72 (2006.01)**
[25] EN
[54] **NATURAL WATER ESSENCE AND METHODS OF MAKING THE SAME**
[54] **ESSENCE A BASE D'EAU NATURELLE ET SES PROCEDES DE FABRICATION**
[72] GANDHI, KALPESH, US
[72] SCHACHT, RAYMOND, US
[72] PEREZ, MARCELO, US
[72] SCHUBERT, HUBERTUS, US
[71] THE COCA-COLA COMPANY, US
[85] 2019-03-18
[86] 2017-09-19 (PCT/US2017/052214)
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[30] US (62/396,324) 2016-09-19

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[51] **Int.Cl. A61K 39/395 (2006.01) A23K 20/142 (2016.01) A23L 33/17 (2016.01) A61K 35/20 (2006.01) A61P 37/00 (2006.01) C07K 1/30 (2006.01) C07K 16/04 (2006.01)**
[25] EN
[54] **STABLE POOLED BREASTMILK ANTIBODIES FOR ORAL DELIVERY**
[54] **ENSEMBLE D'ANTICORPS DE LAIT MATERNEL STABLES DESTINE A UNE ADMINISTRATION ORALE**
[72] MANE, VIRAJ, CA
[72] MEHTA, RIKIN, US
[71] MANE, VIRAJ, CA
[71] MEHTA, RIKIN, US
[85] 2019-03-19
[86] 2018-06-12 (PCT/CA2018/050703)
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[51] **Int.Cl. A46B 15/00 (2006.01) A46B 9/04 (2006.01) A61C 17/22 (2006.01)**
[25] EN
[54] **ORAL CARE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SOINS BUCAUX**
[72] GATZEMEYER, JOHN JACOB, US
[72] LINTOTT, ANDREW BRENT, GB
[72] SMALLMAN, IAN JOSEPH, GB
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-03-18
[86] 2017-11-13 (PCT/US2017/061291)
[87] (WO2018/089888)
[30] US (15/350,223) 2016-11-14

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[51] **Int.Cl. A61D 9/00 (2006.01) A61F 5/058 (2006.01)**
[25] EN
[54] **ANIMAL SPLINT**
[54] **ATTELLE POUR ANIMAL**
[72] ROBINSON, MARK C., US
[71] WHEELS FOR PETS, LLC, US
[85] 2019-03-18
[86] 2017-09-19 (PCT/US2017/052230)
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[30] US (15/268,759) 2016-09-19

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DISSEMINATING PRODUCT INFORMATION**
[54] **PROCEDE ET DISPOSITIF DE DIFFUSION D'INFORMATIONS DE PRODUIT**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-03-19
[86] 2015-12-04 (PCT/CN2015/096409)
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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) A61K 31/4245 (2006.01) A61K 45/06 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C07K 14/725 (2006.01) C12Q 1/26 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **IMMUNOTHERAPY METHODS AND COMPOSITIONS INVOLVING TRYPTOPHAN METABOLIC PATHWAY MODULATORS**
[54] **METHODES ET COMPOSITIONS D'IMMUNOTHERAPIE IMPLIQUANT DES MODULATEURS DE LA VOIE METABOLIQUE DU TRYPTOPHANE**
[72] PORTS, MICHAEL, US
[72] THOMAS, EVAN PAUL, US
[72] LEVITSKY, HYAM I., US
[71] JUNO THERAPEUTICS, INC., US
[85] 2019-03-18
[86] 2017-10-13 (PCT/US2017/056680)
[87] (WO2018/071873)
[30] US (62/407,776) 2016-10-13
[30] US (62/514,767) 2017-06-02

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING PRODUCT INFORMATION**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS DE PRODUIT**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-03-19
[86] 2015-12-04 (PCT/CN2015/096411)
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[51] **Int.Cl. B65D 5/32 (2006.01) A47C 31/10 (2006.01) A47G 9/02 (2006.01) B65D 5/66 (2006.01)**
[25] EN
[54] **BED LINEN PACKAGING**
[54] **EMBALLAGE DE LINGE DE LIT**
[72] MOON, SHAWN DAVID, US
[72] GOODWIN, JENNIFER JO, US
[71] PURPLE INNOVATION, LLC, US
[85] 2019-03-18
[86] 2017-10-18 (PCT/US2017/057210)
[87] (WO2018/080871)
[30] US (15/334,093) 2016-10-25

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[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DISSEMINATING PRODUCT INFORMATION**
[54] **PROCEDE ET DISPOSITIF DE DISSEMINATION D'INFORMATIONS DE PRODUITS**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-03-19
[86] 2015-12-04 (PCT/CN2015/096418)
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[13] A1
[51] **Int.Cl. A63F 9/04 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONDUCTING A WAGERING PROCESS**
[54] **PROCEDE ET APPAREIL PERMETTANT L'EXECUTION D'UN PROCESSUS DE PARI**
[72] TSANG, MATTHEW, AU
[72] BARNETT, TIMOTHY WILLIAM, AU
[72] CREPALDI, JOSEPH RONALD, AU
[72] BRUCE, DARYL LEIGH, AU
[72] STEWART, PAULA JEAN, AU
[72] GREEN, ARTHUR PHILLIP, AU
[72] WALDRON, BRADLEY MICHAEL, AU
[72] ALEXANDER, JAMES GEOFFREY, AU
[71] CLUB GAMING PTY LTD, AU
[85] 2019-03-19
[86] 2017-09-19 (PCT/AU2017/000200)
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[30] AU (2016903794) 2016-09-20

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING PRODUCT INFORMATION**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS DE PRODUIT**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-03-19
[86] 2015-12-04 (PCT/CN2015/096432)
[87] (WO2017/092036)

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[51] **Int.Cl. G01S 17/89 (2006.01) E05F 15/79 (2015.01) B66B 13/14 (2006.01)**
[25] EN
[54] **TIME OF FLIGHT (TOF) BASED DETECTING SYSTEM FOR AN AUTOMATIC DOOR**
[54] **SYSTEME DE DETECTION BASE SUR LE TEMPS DE VOL (TOF) POUR UNE PORTE AUTOMATIQUE**
[72] AGAM, URI, CA
[72] MARCOVECCHIO, PINO, CA
[71] SENSOTECH INC., CA
[85] 2019-03-19
[86] 2017-09-29 (PCT/CA2017/000213)
[87] (WO2018/064745)
[30] US (62/403,631) 2016-10-03

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[51] **Int.Cl. A01K 73/045 (2006.01) B63B 21/66 (2006.01)**
[25] EN
[54] **SPREADING DEVICE WITH INCREASED LIFT**
[54] **DISPOSITIF D'ECARTEMENT A PORTANCE ACCRUE**
[72] ANDREASEN, PEDER STAUSHOLM, DK
[72] JENSEN, PETUR, DK
[71] THYBORON SKIBSSMEDIE A/S, DK
[85] 2019-03-19
[86] 2017-09-21 (PCT/DK2017/050305)
[87] (WO2018/054443)
[30] DK (PA 2016 70748) 2016-09-21

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[51] **Int.Cl. A61K 41/00 (2006.01) A61N 5/06 (2006.01) A61P 17/02 (2006.01) C09B 11/28 (2006.01)**
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[54] **BIOPHOTONIC COMPOSITIONS AND METHODS FOR REDUCING SCARRING**
[54] **COMPOSITIONS ET PROCEDES BIOPHOTONIQUES DESTINES A REDUIRE LA FORMATION DE CICATRICE**
[72] PIERGALLINI, REMIGIO, IT
[72] LOUPIS, NIKOLAOS, GR
[72] NIKOLIS, ANDREAS, CA
[72] FAUVERGHE, STEPHANE, CA
[72] HEBERT, LISE, CA
[72] BELLINI, FRANCESCO, CA
[71] KLOX TECHNOLOGIES INC., CA
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[54] **APPARATUSES AND METHODS FOR ENCODING AND DECODING A PANORAMIC VIDEO SIGNAL**
[54] **APPAREILS ET PROCEDES DE CODAGE ET DECODAGE D'UN SIGNAL AUDIO PANORAMIQUE**
[72] ZHAO, ZHIJIE, DE
[72] SAUER, JOHANNES, DE
[72] WIEN, MATHIAS, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **DURABLE PROTECTIVE COVERS WITH STIFFENING RODS FOR PREVENTING SPILLED LIQUIDS FROM FLOWING INTO DRAINS OR HOLES**
[54] **COUVERCLES DE PROTECTION DURABLE DOTES DE TIGES DE RAIDISSEMENT EN VUE D'EMPECHER DES LIQUIDES RENVERSES DE S'ECOULER DANS DES CANALISATIONS OU DES TROUS**
[72] JACKSON, DANE R., US
[72] SILVER, DANIEL A., US
[71] NEW PIG CORPORATION, US
[85] 2019-03-18
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[54] **METHOD AND DEVICE FOR DISSEMINATING PRODUCT INFORMATION**
[54] **PROCEDE ET DISPOSITIF DE DIFFUSION D'INFORMATIONS DE PRODUIT**
[72] ZGANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2019-03-19
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[54] **CABLE WITH LIGHTWEIGHT TENSILE ELEMENTS**
[54] **CABLE A ELEMENTS DE TRACTION LEGERS**
[72] CONSONNI, ENRICO MARIA, IT
[72] MIRAMONTI, GIANNI, IT
[72] DE RAI, LUCA GIORGIO MARIA, IT
[72] VEGGETTI, PAOLO, IT
[71] PRYSMIAN S.P.A., IT
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[54] **CONVEYOR BELT DEFLECTION APPARATUS**
[54] **APPAREIL DE DEVIATION DE COURROIE TRANSPORTEUSE**
[72] KRIBITZ, GERALD, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **PILLOW INCLUDING GELATINOUS ELASTOMER CUSHION HAVING DEFORMABLE WALL MEMBERS AND RELATED METHODS**
[54] **OREILLER COMPRENANT UN COUSSIN D'ELASTOMERE GELATINEUX AYANT DES ELEMENTS DE PAROI DEFORMABLES ET PROCEDES ASSOCIES**
[72] PEARCE, TONY M., US
[72] MOON, SHAWN DAVID, US
[71] PURPLE INNOVATION, LLC, US
[85] 2019-03-18
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[54] **SYSTEM FOR OPERATING TEXTILE PRINTING MACHINES**
[54] **SYSTEME ET MODULE DE FONCTIONNEMENT DE MACHINES D'IMPRESSION DE TEXTILES**
[72] SCHIESTL, ANGELO, AT
[71] SCHIESTL, ANGELO, AT
[85] 2019-03-19
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[54] **6-MEMBERED CYCLIC AMINES OR LACTAMES SUBSTITUTED WITH UREA AND PHENYL**
[54] **AMINES OU LACTAMES CYCLIQUES A 6 CHAINONS SUBSTITUES PAR DE L'UREE ET DU PHENYLE**
[72] JAKOB, FLORIAN, DE
[72] NORDHOFF, SONJA, DE
[72] RIDER, DAVID, DE
[72] WAGENER, MARKUS, DE
[72] BAHRENBERG, GREGOR, DE
[72] DUNKERN, TORSTEN, DE
[71] GRUNENTHAL GMBH, DE
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[54] **THE NOVEL MONOCLONAL ANTIBODIES TO PROGRAMMED DEATH 1 (PD-1)**
[54] **NOUVEAUX ANTICORPS MONOCLONAUX DIRIGES CONTRE LA MORT PROGRAMMEE 1 (PD -1)**
[72] ZHENG, YONG, CN
[72] LI, JING, US
[72] GOLOLOBOV, GENNADY, US
[72] ZHANG, XINHUA, CN
[72] YANG, BAOTIAN, CN
[72] TANG, ZHEWEI, CN
[72] LI, DONG, CN
[72] XU, JIANQING, CN
[72] WANG, ZHUOZHI, US
[71] CSTONE PHARMACEUTICALS, KY
[71] CSTONE PHARMACEUTICALS (SUZHOU) CO., LTD., CN
[71] CSTONE PHARMACEUTICALS (SHANGHAI) CO., LTD., CN
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[54] **METHOD FOR TRANSMITTING SRS, NETWORK DEVICE AND TERMINAL DEVICE**
[54] **PROCEDE DE TRANSMISSION DE SRS, DISPOSITIF DE RESEAU ET DISPOSITIF TERMINAL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[25] EN
[54] **METHODS AND APPARATUSES OF SAMPLE ADAPTIVE OFFSET PROCESSING FOR VIDEO CODING**
[54] **PROCEDES ET APPAREILS DE TRAITEMENT DE DECALAGE ADAPTATIF D'ECHANTILLON EN CODAGE VIDEO**
[72] HSU, CHIH-WEI, CN
[72] HUANG, YU-WEN, CN
[71] MEDIATEK INC., CN
[85] 2019-03-19
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[25] EN
[54] **ORAL CARE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SOINS BUCCAUX**
[72] GATZEMEYER, JOHN JACOB, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **VETEMENT DE COMPRESSION POUR OPERATION A UNE SEULE MAIN**
[72] GANZONI, LEVIN ANDREAS, CH
[71] SIGVARIS AG, CH
[85] 2019-03-19
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[54] **RACCORD D'ARROSEUR A FAIBLE COUPLE ET PROCEDE DE FABRICATION**
[72] JACKSON, ELDON DOUGLAS, US
[71] VIKING GROUP, INC., US
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[54] **REINFORCED INSULATING GLASS UNIT**
[54] **VITRAGE ISOLANT RENFORCE**
[72] BOUESNARD, OLIVIER, BE
[72] CHORINE, NICOLAS, BE
[72] JEANFILS, JULIEN, BE
[71] AGC GLASS EUROPE, BE
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[54] **COMPRESSION GARMENT COMPRISING SPACER FABRIC AND HOOK FASTENER**
[54] **VETEMENT DE COMPRESSION COMPRENANT UN TISSU D'ESPACEMENT ET UN ELEMENT DE FIXATION A CROCHET**
[72] GANZONI, LEVIN ANDREAS, CH
[71] SIGVARIS AG, CH
[85] 2019-03-19
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[54] **SPRAY NOZZLE ASSEMBLY WITH ONE PIECE SPRAY NOZZLE AND QUICK DISCONNECT RETENTION CAP**
[54] **ENSEMBLE BUSE DE PULVERISATION COMPORTANT UNE BUSE DE PULVERISATION MONOBLOC ET UN CAPUCHON DE RETENUE A RACCORD DEMONTABLE**
[72] BOLMAN, BART R., US
[71] SPRAYING SYSTEMS CO., US
[85] 2019-03-18
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[54] **SYSTEM AND METHODS FOR POINT TO POINT ENCRYPTION AND TOKENIZATION USING A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDES DE SEGMENTATION EN UNITES ET DE CHIFFREMENT POINT A POINT AU MOYEN D'UN DISPOSITIF MOBILE**
[72] JOHNSON, AARON MARCUS, US
[72] GERBER, CHRISTOPHER JOHN, US
[72] CORSON, GERALD DUANE, III, US
[72] WATTS, CHARLES ALAN, US
[71] WALMART APOLLO, LLC, US
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[54] **AIR SPRING SYSTEM, VEHICLE HAVING AN AIR SPRING SYSTEM, AND METHOD FOR MOUNTING AN AIR SPRING SYSTEM**
[54] **SYSTEME DE RESSORT PNEUMATIQUE, VEHICULE EQUIPE D'UN SYSTEME DE RESSORT PNEUMATIQUE ET PROCEDE DE MONTAGE D'UN SYSTEME DE RESSORT PNEUMATIQUE**
[72] FATH, STEFAN, DE
[72] WALLMEIER, STEFAN, DE
[72] DEHLWES, STEPHAN, DE
[71] SAF-HOLLAND GMBH, DE
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[54] **RADIOISOTOPE DELIVERY SYSTEM WITH MULTIPLE DETECTORS TO DETECT GAMMA AND BETA EMISSIONS**
[54] **SYSTEME D'ADMINISTRATION DE RADIO-ISOTOPES A MULTIPLES DETECTEURS PERMETTANT DE DETECTER DES EMISSIONS GAMMA ET BETA**
[72] MOYERS, CLIF, US
[72] NUNN, ADRIAN, US
[72] SCHIMMOELLER, ANDREW, US
[72] CHERUNDOLO, BRIAN, US
[71] BRACCO DIAGNOSTICS INC., US
[85] 2019-03-18
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[54] **BENZOIMIDAZOLE DERIVATIVES AS ANTICANCER AGENTS**
[54] **DERIVES DE BENZOIMIDAZOLE EN TANT QU'AGENTS ANTICANCEREUX**
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[72] COSTE-INVERNIZZI, ISABELLE, FR
[72] GIRAUD, STEPHANE, FR
[72] LEBECQUE, SERGE, FR
[71] CENTRE LEON BERARD, FR
[71] HOSPICES CIVILS DE LYON, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **CLOSURE**
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[72] BEVAN, DAVID, GB
[72] DIMOND, JAMES, GB
[71] CREANOVA UNIVERSAL CLOSURES LTD., GB
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[54] **ALUMINUM-FREE ANTIPERSPIRANT/DEODORANT COMPOSITIONS**
[54] **COMPOSITIONS ANTI-TRANSPIRANTES/DEODORANTES EXEMPT D'ALUMINIUM**
[72] HILLIARD, PETER R., JR., US
[72] KENNEDY, SHARON, US
[72] CARLONE, DARRICK, US
[72] BIELLI, CRISTINA, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **SHIELDING ASSEMBLY FOR A RADIOISOTOPE DELIVERY SYSTEM HAVING MULTIPLE RADIATION DETECTORS**
[54] **ENSEMBLE DE PROTECTION DE SYSTEME D'ADMINISTRATION DE RADIO-ISOTOPES A MULTIPLES DETECTEURS DE RAYONNEMENT**
[72] SCHIMMOELLER, ANDREW, US
[72] MOYERS, CLIF, US
[72] NUNN, ADRIAN, US
[72] CHERUNDOLO, BRIAN, US
[72] DENNIS, JOSEPH, US
[71] BRACCO DIAGNOSTICS INC., US
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[30] US (62/397,022) 2016-09-20
[30] US (62/397,025) 2016-09-20
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[54] **HUMIDIFIER**
[54] **HUMIDIFICATEUR**
[72] GLUCK, RAINER, DE
[72] SPEIDEL, ANDRE, DE
[71] REINZ-DICHTUNGS-GMBH, DE
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[86] 2017-09-22 (PCT/EP2017/074118)
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[54] **ADAPTIVE POWER CONTROL OF LOCALIZED SUBNETS FOR REDUCING SELF-INTERFERENCE IN WIRELESS NETWORKS**
[54] **COMMANDE ADAPTATIVE DE PUISSANCE DE SOUS-RESEAUX LOCALISES A DES FINS DE REDUCTION DE L'AUTO-BROUILLAGE DANS DES RESEAUX SANS FIL**
[72] CHONGOUSHIAN, JOHN H., US
[71] BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., US
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[25] EN
[54] **WELLHEAD ASSEMBLY**
[54] **ENSEMBLE TETE DE PUITS**
[72] REINAS, LORENTS, NO
[72] WERNO, TORE GEIR, NO
[72] NESSE, HARALD S, NO
[71] EQUINOR ENERGY AS, NO
[85] 2019-03-18
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[30] GB (1616004.6) 2016-09-20

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[51] **Int.Cl. G21G 1/00 (2006.01) A61K 51/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND TECHNIQUES FOR GENERATING, INFUSING, AND CONTROLLING RADIOISOTOPE DELIVERY**
[54] **SYSTEMES ET TECHNIQUES DE GENERATION, DE PERFUSION ET DE COMMANDE D'ADMINISTRATION DE RADIO-ISOTOPES**
[72] NUNN, ADRIAN, US
[72] MOYERS, CLIF, US
[72] SCHIMMOELLER, ANDREW, US
[72] CHERUNDOLO, BRIAN, US
[72] BOLAS, TARAH, US
[71] BRACCO DIAGNOSTICS INC., US
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[30] US (62/397,022) 2016-09-20
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[25] EN
[54] **ALARMS AND ALERTS FOR MEDICATION DELIVERY DEVICES AND RELATED SYSTEMS AND METHODS**
[54] **ALARMES ET ALERTES POUR DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT ET SYSTEMES ET PROCEDES ASSOCIES**
[72] MAZLISH, BRYAN, US
[72] KABEL-ECKES, SABINE, US
[72] SIEBER, SHANNON, US
[72] BOISSIER, JEFF, US
[72] CORTHALL, GEORGE, US
[72] CHAN, YEAN WAH, US
[71] BIGFOOT BIOMEDICAL, INC., US
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[54] **FACILITY FOR EXTENDING EXCLUSIVE HOLD OF A CACHE LINE IN PRIVATE CACHE**
[54] **INSTALLATION POUR ETENDRE LA CONSERVATION EXCLUSIVE D'UNE LIGNE DE CACHE DANS UNE MEMOIRE CACHE PRIVEE**
[72] GIAMEI, BRUCE CONRAD, US
[72] JACOBI, CHRISTIAN, US
[72] SHUM, CHUNG-LUNG, US
[72] SCHMIDT, DONALD WILLIAM, US
[72] ROSA, DANIEL, US
[72] SAPORITO, ANTHONY, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **SULPHAMIC ACID DERIVATIVES AND PRODUCTION METHODS THEREOF**
[54] **DERIVES D'ACIDE SULFAMIQUE ET PROCEDES POUR LEUR PREPARATION**
[72] KOZELJ, MATJAZ, SI
[72] GAGNON, CATHERINE, CA
[72] GUERFI, ABDELBAST, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[85] 2019-03-18
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[54] **OPTOGENETICALLY TRANSFORMED PHOTORECEPTOR PRECURSOR CELLS FOR THE USE IN THE TREATMENT OF RETINAL DEGENERATIVE DISEASES**
[54] **CELLULES PRECURSEURS DE PHOTORECEPTEURS OPTOGENETIQUEMENT TRANSFORMEES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DES MALADIES DEGENERATIVES DE LA RETINE**
[72] DUEBEL, JENS, FR
[72] ADER, MARIUS, DE
[72] CHAFFIOL, ANTOINE, FR
[72] GARITA-HERNANDEZ, MARCELA, FR
[72] LAMPIC, MARUSA, FR
[72] DALKARA, DENIZ, FR
[72] GOUREAU, OLIVIER, FR
[72] SAHEL, JOSE-ALAIN, FR
[71] SORBONNE UNIVERSITE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSERM (INSTITUT NATIONALE DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
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[25] EN
[54] **SYSTEMS AND METHODS FOR SELF-LEARNING IN A GROW POD**
[54] **SYSTEMES ET PROCEDES D'AUTOAPPRENTISSAGE DANS UNE CAPSULE DE CULTURE**
[72] MILLAR, GARY BRET, US
[71] GROW SOLUTIONS TECH LLC, US
[85] 2019-03-18
[86] 2018-05-07 (PCT/US2018/031366)
[87] (WO2018/231365)
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[25] EN
[54] **SYSTEM, METHOD, AND SLEEVE, FOR CLADDING AN UNDERGROUND WELLBORE PASSAGE**
[54] **SYSTEME, PROCEDE ET MANCHON POUR LE GAINAGE D'UN PASSAGE DE TROU DE FORAGE SOUTERRAIN**
[72] RUCKERT, FRANK, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2019-03-19
[86] 2017-09-25 (PCT/EP2017/074182)
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[25] EN
[54] **WINDOW FRAME SYSTEM FOR VACUUM INSULATED GLASS UNIT**
[54] **SYSTEME DE CHASSIS DE FENETRE POUR UNITE DE VITRAGE ISOLANT SOUS VIDE**
[72] THOMPSON, ROBERT D., US
[72] ANDERSON, CHARLES L., US
[72] MITCHELL, JOHN M., US
[72] FLYNN, NIGEL J., US
[72] MACDONALD, KUNAL D., US
[72] ROWLEY, DAVID SCOTT, US
[72] STAMM, EDWARD I., JR., US
[71] GUARDIAN GLASS, LLC., US
[85] 2019-03-18
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[25] EN
[54] **LIQUID PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE**
[72] DEL RIO, ALESSANDRA, IT
[72] SABINA, CARMELA, IT
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2019-03-19
[86] 2017-09-26 (PCT/EP2017/074413)
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[25] EN
[54] **BACKPACKS WITH COOPERATIVELY ADJUSTED HIP BELTS AND COMPRESSION STRAPS**
[54] **SACS A DOS DOTES DE CEINTURES DE HANCHE ET DE SANGLES DE COMPRESSION REGLEES EN COOPERATION**
[72] GORDON, WILLIAM, US
[72] HUNT, TREVOR RAYMOND, CA
[72] KELLY, DAMIEN JOHN, CA
[71] CAMELBAK PRODUCTS, LLC, US
[85] 2019-03-18
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[25] EN
[54] **DOSAGE REGIMEN FOR A CONTROLLED-RELEASE PTH COMPOUND**
[54] **SCHEMA POSOLOGIQUE POUR UN COMPOSE DE PTH A LIBERATION CONTROLEE**
[72] HOLTEN-ANDERSEN, LARS, DK
[72] SPROGOE, KENNETT, DK
[72] KARPF, DAVID BRIAN, US
[71] ASCENDIS PHARMA BONE DISEASES A/S, DK
[85] 2019-03-19
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[54] **BEACON DETECTION SYSTEM FOR LOCATING A MISSING SEARCH SUBJECT. A SEARCH SYSTEM CONFIGURED TO OPERATE ON A SEARCH VEHICLE AND COMPUTER IMPLEMENTED METHOD OF DETERMINING A LOCATION OF A SEARCH SUBJECT**
[54] **SYSTEME DE DETECTION DE BALISE PERMETTANT DE LOCALISER UN SUJET DE RECHERCHE MANQUANT. LA PRESENTE INVENTION PORTE SUR UN SYSTEME DE RECHERCHE CONFIGURE DE SORTE A FONCTIONNER SURUN VEHICULE DE RECHERCHE ET SUR UN PROCEDE MIS EN OEUVRE PAR ORDINATEUR PERMETTANT DE DETERMINER UN EMPLACEMENT D'UN SUJET DE RECHERCHE**
[72] GILLUM, ELIOT, US
[72] LAU, KEVIN HO WING, US
[71] VECTOR FLIGHT LLC, US
[85] 2019-03-18
[86] 2017-09-19 (PCT/US2017/052283)
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[54] **INCREMENTAL DOSE FINDING IN CONTROLLED-RELEASE PTH COMPOUNDS**
[54] **SCHEMA POSOLOGIQUE INCREMENTIEL DANS DES COMPOSES DE PTH A LIBERATION CONTROLEE**
[72] KARPF, DAVID BRIAN, US
[72] SPROGOE, KENNETT, DK
[72] HOLTEN-ANDERSEN, LARS, DK
[71] ASCENDIS PHARMA BONE DISEASES A/S, DK
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[54] **CONDITIONAL BRANCH TO AN INDIRECTLY SPECIFIED LOCATION**
[54] **BRANCHEMENT CONDITIONNEL VERS UN EMPLACEMENT SPECIFIE INDIRECTEMENT**
[72] GREINER, DAN, US
[72] SAPORITO, ANTHONY, US
[72] SHUM, CHUNG-LUNG, US
[72] SLEGEL, TIMOTHY, US
[72] JACOBI, CHRISTIAN, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[25] FR
[54] **DEVICE FOR CONTROLLED SEPARATION BETWEEN TWO PARTS AND USE OF SUCH A DEVICE**
[54] **DISPOSITIF DE SEPARATION CONTROLEE ENTRE DEUX PIECES ET APPLICATION D'UN TEL DISPOSITIF**
[72] OLDHAM, ROBERT, FR
[72] MAYO, PHILIPPE, FR
[72] LEVALLOIS, FRANCK, FR
[72] FIGUS, CHRISTOPHE, FR
[72] LOGUT, DANIEL, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
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[25] EN
[54] **PTH COMPOUNDS WITH LOW PEAK-TO-TROUGH RATIOS**
[54] **COMPOSES DE PTH AYANT UN FAIBLE RAPPORT ENTRE LE PIC ET LE NIVEAU MINIMUM**
[72] SPROGOE, KENNETT, DK
[72] HOLTEN-ANDERSEN, LARS, DK
[72] KARPF, DAVID BRIAN, US
[71] ASCENDIS PHARMA BONE DISEASES A/S, DK
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[54] **COMBINATION THERAPY WITH CONTROLLED-RELEASE CNP AGONISTS**
[54] **THERAPIE COMBINEE D'AGONISTES DE CNP A LIBERATION CONTROLEE**
[72] HOLTEN-ANDERSEN, LARS, DK
[72] MILLER BREINHOLT, VIBEKE, DK
[72] SPROGOE, KENNETT, DK
[71] ASCENDIS PHARMA GROWTH DISORDERS A/S, DK
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[25] EN
[54] **POROUS COMPOSITE MATERIAL**
[54] **MATERIAU COMPOSITE POREUX**
[72] PAAKINAHO, KAARLO, FI
[72] KELLOMAKI, MINNA, FI
[71] TAMPEREEN KORKEAKOULUSAATIO SR, FI
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[54] **JONCTION POUR CABLES A COURANT CONTINU A HAUTE TENSION**
[72] BOFFI, PAOLO, IT
[71] PRYSMIAN S.P.A., IT
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[51] **Int.Cl. A01K 67/027 (2006.01)**
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[54] **SWINE COMPRISING MODIFIED CD163 AND ASSOCIATED METHODS**
[54] **PORCS COMPRENANT LE GENE CD163 MODIFIE ET PROCEDES ASSOCIES**
[72] LILLICO, SIMON GEOFFREY, GB
[72] ARCHIBALD, ALAN, GB
[72] WHITELAW, CHRISTOPHER BRUCE ALEXANDER, GB
[72] TAIT-BURKARD, CHRISTINE, GB
[72] AIT-ALI, TAHAR, GB
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, GB
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[51] **Int.Cl. G06F 21/56 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **DYNAMIC REPUTATION INDICATOR FOR OPTIMIZING COMPUTER SECURITY OPERATIONS**
[54] **INDICATEUR DE REPUTATION DYNAMIQUE POUR OPTIMISER DES OPERATIONS DE SECURITE INFORMATIQUE**
[72] HAJMASAN, GHEORGHE-FLORIN, RO
[72] MONDOC, ALEXANDRA, RO
[72] PORTASE, RADU-MARIAN, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
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[54] **PROCESS FOR PREPARING A DENTAL RESIN-MODIFIED GLASS IONOMER COMPOSITION**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DENTAIRE DE VERRE IONOMERE MODIFIE PAR UNE RESINE**
[72] SCHEUFLER, CHRISTIAN, DE
[72] RENN, CAROLINE, DE
[72] MAIER, MAXIMILIAN, DE
[72] KLEE, JOACHIM E., DE
[71] DENTSPLY DETREY GMBH, DE
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[25] EN
[54] **THERAPEUTIC COMBINATIONS COMPRISING A RAF INHIBITOR AND A ERK INHIBITOR**
[54] **COMBINAISONS THERAPEUTIQUES COMPRENANT UN INHIBITEUR DE RAF ET UN INHIBITEUR D'ERK**
[72] CAPONIGRO, GIORDANO, US
[72] MEYER, MATTHEW JOHN, US
[72] COOKE, VESSELINA, US
[72] STUART, DARRIN, US
[71] NOVARTIS AG, CH
[85] 2019-03-19
[86] 2017-09-18 (PCT/IB2017/055641)
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[51] **Int.Cl. B60W 30/165 (2012.01) G08G 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING TRAVEL AND DEVICE FOR CONTROLLING TRAVEL OF VEHICLE**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT ET DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] SHIMAKAGE, MASAYASU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-03-19
[86] 2016-09-21 (PCT/JP2016/077806)
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[25] EN
[54] **LIPOIC ACID CHOLINE ESTER COMPOSITIONS AND METHODS TO STABILIZE INTO PHARMACEUTICALLY RELEVANT DRUG PRODUCTS**
[54] **COMPOSITIONS D'ESTER DE CHOLINE D'ACIDE LIPOIQUE ET PROCEDES DE STABILISATION DANS DES PRODUITS MEDICAMENTEUX PHARMACEUTIQUEMENT PERTINENTS**
[72] BARMAN, SHIKHA P., US
[72] BARMAN, KOUSHIK, US
[72] BURNS, WILLIAM, US
[72] CRAWFORD, KATHRYN, US
[72] CROMWICK, ANNE-MARIA, US
[72] WARD, KEVIN, US
[71] ENCORE VISION, INC., US
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[25] EN
[54] **LIGHT SHAPING DEVICE**
[54] **DISPOSITIF DE MISE EN FORME DE LUMIERE**
[72] YAGYU, SHINJI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2019-03-19
[86] 2016-11-14 (PCT/JP2016/083686)
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[51] **Int.Cl. G01N 33/574 (2006.01) A61K 38/00 (2006.01)**
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[54] **BIOMARQUEURS ANTIGENIQUES**
[72] WEI, JUN, GB
[71] THE UNIVERSITY OF THE HIGHLANDS AND ISLANDS, GB
[85] 2019-03-19
[86] 2017-09-27 (PCT/GB2017/052879)
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[30] GB (1616357.8) 2016-09-27
[30] GB (1705988.2) 2017-04-13

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[51] **Int.Cl. B22D 41/32 (2006.01) C04B 35/103 (2006.01)**
[25] EN
[54] **A REFRACTORY MATERIAL FOR SLIDING NOZZLE PLATE AND A METHOD FOR PRODUCING THE SAME**
[54] **PLACAGE RESISTANT AU FEU DESTINE A UNE BUSE COULISSANTE, ET PROCEDE DE FABRICATION DUDIT PLACAGE RESISTANT AU FEU**
[72] AKAMINE, KEIICHIRO, JP
[72] MAKINO, TARO, JP
[72] OOMARU, ZENTA, JP
[71] KROSAKIHARIMA CORPORATION, JP
[85] 2019-03-19
[86] 2017-09-11 (PCT/JP2017/032680)
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[30] JP (2016-188363) 2016-09-27

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[51] **Int.Cl. B64C 13/02 (2006.01) B64C 13/42 (2006.01) H05K 10/00 (2006.01)**
[25] EN
[54] **BACKUP ACTUATION CONTROL UNIT FOR CONTROLLING AN ACTUATOR DEDICATED TO A GIVEN SURFACE AND METHOD OF USING SAME**
[54] **UNITE DE COMMANDE D'ACTIONNEMENT DE SECOURS POUR COMMANDER UN ACTIONNEUR DEDIE A UNE SURFACE DONNEE ET SON PROCEDE D'UTILISATION**
[72] CADOTTE, PATRICK, CA
[72] CLEMENT, FREDERICK, CA
[72] BIRENBAUM, NICOLAS, CA
[72] VASILIU, CATALIN, CA
[72] CHAN TAVE, ERIC, CA
[71] THALES CANADA INC., CA
[85] 2019-03-19
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[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING GEOLOGIC FEATURES USING SEISMIC DATA**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE CARACTERISTIQUES GEOLOGIQUES A L'AIDE DE DONNEES SISMIQUES**
[72] COCKER, JONATHAN DAVID, US
[72] MAGILL, JAMES ROBERT, US
[71] CHEVRON U.S.A. INC., US
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[54] **TURBINE EOLIENNE A AXE DE ROTATION VERTICAL**
[72] WISNIEWSKI, JAN, PL
[71] WISNIEWSKI, JAN, PL
[85] 2019-03-19
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[25] EN
[54] **COATING FILM FOR STRUCTURE, SET OF COATING MATERIALS FOR FORMING COATING FILM, COATING MATERIAL FOR UNDERCOAT LAYER, AND COATING METHOD**
[54] **FILM DE REVETEMENT POUR STRUCTURE, ENSEMBLE DE MATERIAU DE REVETEMENT POUR FORMER UN FILM DE REVETEMENT, MATERIAU DE REVETEMENT POUR SOUS-COUCHE ET PROCEDE DE REVETEMENT**
[72] SUZUKI, SATORU, JP
[72] OGAWA, TOMOYA, JP
[72] NAITO, TOMONARI, JP
[72] KURATA, NAOKI, JP
[72] YOSHIE, SATOMI, JP
[72] NAGAO, KOHEI, JP
[71] NITTO DENKO CORPORATION, JP
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[54] **WIND TURBINE**
[54] **EOLIENNE**
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[71] WISNIEWSKI, JAN, PL
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[54] **MULTIFUNCTIONAL CLOSED LOOP NEURO FEEDBACK STIMULATING DEVICE AND METHODS THEREOF**
[54] **DISPOSITIF DE STIMULATION MULTIFONCTIONNEL A RETROACTION NEURONALE EN BOUCLE FERMEE ET SES PROCEDES D'UTILISATION**
[72] ORENSTEIN, OPHIR, IL
[72] AHARONOVITCH, TOMER, IL
[71] NYX TECHNOLOGIES LTD, IL
[85] 2019-03-19
[86] 2017-09-18 (PCT/IL2017/051051)
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[30] US (62/396,286) 2016-09-19

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[25] EN
[54] **NOVEL COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING DERMAL DISORDERS**
[54] **NOUVEAUX COMPOSES, COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE TROUBLES CUTANES**
[72] SELL, CHRISTIAN, US
[72] NACARELLI, TIMOTHY, US
[72] AZAR, ASHLEY, US
[71] DREXEL UNIVERSITY, US
[85] 2019-03-19
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[54] **AUTONOMOUS DRIVING VEHICLE, METHOD OF STOPPING AUTONOMOUS DRIVING VEHICLE, AND PROGRAM**
[54] **VEHICULE AUTONOME, PROCEDE D'ARRET DE VEHICULE AUTONOME ET PROGRAMME**
[72] UMETANI, HIDEO, JP
[72] HARADA, NAOYUKI, JP
[72] YAMAGUCHI, TAKUYA, JP
[72] MATSUI, SHUHEI, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[54] **METHOD AND SYSTEM FOR SEPARATING OIL WELL SUBSTANCES**
[54] **PROCEDE ET SYSTEME DE SEPARATION DE SUBSTANCES DE PUITS DE PETROLE**
[72] STROMMEN, ROE DAG, NO
[72] HOVDA, ASLE JOSTEIN, NO
[72] BERNTSEN, JON SIGURD, NO
[71] SEABED SEPARATION AS, NO
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[54] **HONEY COMPOSITIONS AND METHODS OF MAKING THE SAME**
[54] **COMPOSITIONS A BASE DE MIEL ET LEURS PROCEDES DE FABRICATION**
[72] EISELE, STEVEN, US
[71] EISELE, STEVEN, US
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[54] **DOWNHOLE TRACTOR COMPRISING TWO OR MORE HYDRAULIC SUPPLY LINES**
[54] **TRACTEUR DE FOND DE TROU COMPRENANT DEUX CONDUITES D'ALIMENTATION HYDRAULIQUES OU PLUS**
[72] MCINALLY, GERALD, NO
[71] ALTUS INTERVENTION (TECHNOLOGIES) AS, NO
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[86] 2017-10-04 (PCT/NO2017/050261)
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[54] **FLOWMETER CALIBRATION METHOD AND RELATED APPARATUS**
[54] **PROCEDE D'ETALONNAGE DE DEBITMETRE ET APPAREIL ASSOCIE**
[72] PATTEN, ANDREW TIMOTHY, US
[71] MICRO MOTION, INC., US
[85] 2019-03-19
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[25] EN
[54] **DEGASSING APPARATUS FOR CRYOGENIC COOLING SYSTEM, CRYOGENIC COOLING SYSTEM AND METHOD FOR COOLING LIQUID PRODUCTS**
[54] **APPAREIL DE DEGAZAGE POUR SYSTEME DE REFROIDISSEMENT CRYOGENIQUE, SYSTEME DE REFROIDISSEMENT CRYOGENIQUE ET PROCEDE DE REFROIDISSEMENT DE PRODUITS LIQUIDES**
[72] NEWMAN, MICHAEL D., US
[72] MCCORMICK, STEPHEN, US
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **RACCORDS NON METALLIQUES FAISANT APPEL A UN ETRIER POUR LA FIXATION D'UN CONDUIT METALLIQUE FLEXIBLE**
[72] MARKUS, ROBERT, US
[72] CALIENDO, GUY P., US
[72] WALDMANN, SAMUEL, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2019-03-19
[86] 2017-08-23 (PCT/US2017/048119)
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[25] EN
[54] **MEASURING INVISIBLE LOST TIME IN DRILLING OPERATIONS**
[54] **MESURE DU TEMPS PERDU INVISIBLE DANS DE TRAVAUX DE FORAGE**
[72] SAMUEL, ROBELLO, US
[72] LAKHANPAL, VIKRANT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-19
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[54] **PIN-BASED NON-METALLIC FITTINGS FOR ATTACHMENT OF FLEXIBLE METALLIC CONDUIT**
[54] **RACCORDS NON METALLIQUES A BASE DE BROCHE POUR LA FIXATION D'UN CONDUIT METALLIQUE FLEXIBLE**
[72] CALIENDO, GUY P., US
[72] MARKUS, ROBERT, US
[72] WALDMANN, SAMUEL, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **METHOD FOR BIOREMEDIATION OF WATERS CONTAMINATED WITH HYDROCARBONS**
[54] **PROCEDE DE BIO-REMEDIATION D'EAUX CONTAMINEES PAR DES HYDROCARBURES**
[72] CAPPELLO, SIMONE, IT
[72] BEGOTTI, SIMONE, IT
[72] GENOVESE, LUCREZIA, IT
[71] BIO-ON S.P.A., IT
[85] 2019-03-19
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[25] EN
[54] **VECTOR-RATIO SAFETY FACTORS FOR WELLBORE TUBULAR DESIGN**
[54] **FACTEURS DE SECURITE BASES SUR RAPPORT VECTORIEL POUR CONCEPTION TUBULAIRE DE PUITS DE FORAGE**
[72] LIU, ZHENGCHUN, US
[72] SAMUEL, ROBELLO, US
[72] GONZALES, ADOLFO, US
[72] KANG, YONGFENG, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **APPARATUS AND METHOD FOR APPLYING CABLES WITH ONE OR MORE OPTICAL FIBERS TO A PIPE FOR LAND OR SUBMARINE PIPELINES**
[54] **APPAREIL ET PROCEDE PERMETTANT D'APPLIQUER DES CABLES AVEC UNE OU PLUSIEURS FIBRES OPTIQUES A UN TUYAU POUR DES PIPELINES TERRESTRES OU SOUS-MARINS**
[72] LATINI, GILBERTO, IT
[72] RIPARI, DANIELE, IT
[71] SAIPEM S.P.A., IT
[85] 2019-03-19
[86] 2017-09-26 (PCT/IB2017/055851)
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[25] EN
[54] **SILENT ENTRY TORCHING AND OXYGEN DELIVERY SYSTEM AND CONFIGURATION**
[54] **SYSTEME ET CONFIGURATION DE DISTRIBUTION D'OXYGENE ET DE FLAMBAGE A ENTREE SILENCIEUSE**
[72] HANSEN, MARK A., US
[72] HANSEN, BRENNAN E., US
[71] SPECIAL PROJECTS OPERATIONS, INC., US
[85] 2019-03-19
[86] 2017-09-19 (PCT/US2017/052176)
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[25] EN
[54] **COMBINATION OF NOVEL VACCINES AGAINST ZIKA VIRUS AND DNA ANTIBODY CONSTRUCTS FOR USE AGAINST ZIKA VIRUS**
[54] **ASSOCIATION DE NOUVEAUX VACCINS CONTRE LE VIRUS ZIKA ET CONSTRUCTIONS D'ANTICORPS ANTI-ADN DESTINEES A ETRE UTILISEES CONTRE LE VIRUS ZIKA**
[72] WEINER, DAVID, US
[72] MUTHUMANI, KARUPPIAH, US
[72] YAN, JIAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, US
[71] INOVIO PHARMACEUTICALS, INC., US
[85] 2019-03-19
[86] 2017-09-19 (PCT/US2017/052203)
[87] (WO2018/053478)
[30] US (62/396,750) 2016-09-19
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[54] **RADAR SYSTEM**
[54] **SYSTEME RADAR**
[72] MADIA, FRANCESCO, IT
[71] FINCANTIERI SPA, IT
[85] 2019-03-19
[86] 2017-09-27 (PCT/IB2017/055883)
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[51] **Int.Cl. A61B 17/00 (2006.01) A61M 37/00 (2006.01)**
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[54] **DEVICES AND METHODS FOR COSMETIC SKIN RESURFACING**
[54] **DISPOSITIFS ET METHODES DE RESTRUCTURATION COSMETIQUE DE LA PEAU**
[72] GINGGEN, ALEC, US
[72] DIMATTEO, KRISTIAN, US
[72] SWYST, THOMAS, US
[71] CYTRELLIS BIOSYSTEMS, INC., US
[85] 2019-03-19
[86] 2017-09-20 (PCT/US2017/052528)
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[30] US (62/397,869) 2016-09-21

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[51] **Int.Cl. C09K 8/508 (2006.01) C08L 29/00 (2006.01) E21B 33/00 (2006.01)**
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[54] **DEGRADABLE BALL SEALERS WITH IMPROVED SOLUBILITY CHARACTERISTICS**
[54] **BALLES D'OBTURATION DEGRADABLES AYANT DES CARACTERISTIQUES DE SOLUBILITE AMELIOREES**
[72] YANG, HUAXIANG, US
[72] JOSYULA, KANTH, US
[72] MEHTA, VINAY, US
[72] NGUYEN, AN, US
[71] FAIRMOUNT SANTROL INC., US
[85] 2019-03-19
[86] 2017-09-19 (PCT/US2017/052204)
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[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 27/06 (2006.01)**
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[54] **METHODS AND COMPOSITIONS FOR DETECTING ANALYTES**
[54] **METHODES ET COMPOSITIONS DE DETECTION D'ANEVRISMES**
[72] PIERSON, SHAD, US
[72] MEEHAN, TIMOTHY D., US
[72] MONTGOMERY, KYLE WILLIAM, US
[72] WADE, DANIEL J., US
[72] SUSTARICH, JESS M., US
[72] LORD, BRENNA HEARN, US
[72] CHIARELLO, RONALD PHILIP, US
[71] ALVEO TECHNOLOGIES, INC., US
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[87] (WO2018/057647)
[30] US (62/399,047) 2016-09-23
[30] US (62/398,959) 2016-09-23
[30] US (62/398,925) 2016-09-23
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[51] **Int.Cl. C10M 145/14 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **POLYACRYLATE ANTIFOAM COMPONENTS WITH IMPROVED THERMAL STABILITY**
[54] **COMPOSANTS ANTIMOUSSE POLYACRYLATE A STABILITE THERMIQUE AMELIOREE**
[72] NICKERSON, DAVID M., US
[72] KNOBLOCH, DONALD J., US
[72] HUGHES, KEVIN J., US
[72] HUSTON, MICHAEL E., US
[72] BARTON, WILLIAM R.S., GB
[72] DISHONG, DENNIS M., US
[72] ADAMS, TINA M., US
[72] KOVACH, ROCHELLE L., US
[72] SCHIFERL, ELIZABETH A., US
[72] JONIEC, CHRISTOPHER H., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2019-03-19
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[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **MOTOR GEAR DRIVE RELEASE**
[54] **LIBERATION D'ENTRAINEMENT D'ENGRENAGE DE MOTEUR**
[72] MARTIN, JOHN H., US
[72] GOTO, KENNETH D., US
[72] KING, THOMAS E., US
[72] FOUNTAIN, JORDAN R., US
[71] CALIFORNIA THINGS, INC., US
[85] 2019-03-19
[86] 2017-09-19 (PCT/US2017/052345)
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[25] EN
[54] **FLUORINATED POLYACRYLATE ANTIFOAM COMPONENTS FOR LUBRICATING COMPOSITIONS**
[54] **COMPOSANTS ANTIMOUSSE A BASE DE POLYACRYLATE FLUORE POUR COMPOSITIONS LUBRIFIANTES**
[72] KNOBLOCH, DONALD J., US
[72] HUGHES, KEVIN J., US
[72] HUSTON, MICHAEL E., US
[72] BARTON, WILLIAM R.S., GB
[72] DISHONG, DENNIS M., US
[72] NICKERSON, DAVID M., US
[71] THE LUBRIZOL CORPORATION, US
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[51] **Int.Cl. E05B 63/00 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM INCLUDING ENERGY STORAGE**
[54] **MECANISME DE VERROUILLAGE COMPRENANT UN STOCKAGE D'ENERGIE**
[72] MARTIN, JOHN H., US
[72] GOTO, KENNETH D., US
[72] KING, THOMAS E., US
[72] FOUNTAIN, JORDAN R., US
[71] CALIFORNIA THINGS, INC., US
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[51] **Int.Cl. A61K 38/00 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING SEVERE ATOPIC DERMATITIS BY ADMINISTERING AN IL-4R INHIBITOR**
[54] **METHODES DE TRAITEMENT D'UNE DERMATITE ATOPIQUE SEVERE PAR ADMINISTRATION D'UN INHIBITEUR DES IL-4R**
[72] RADIN, ALLEN, US
[72] GRAHAM, NEIL, US
[72] AKINLADE, BOLANLE, US
[72] PIROZZI, GIANLUCA, FR
[72] SUN, XING, FR
[72] HULTSCH, THOMAS, FR
[72] SHUMEL, BRAD S., US
[72] BANSAL, ASHISH, US
[71] REGENERON PHARMACEUTICALS, INC., US
[71] SANOFI BIOTECHNOLOGY, FR
[85] 2019-03-19
[86] 2017-09-21 (PCT/US2017/052772)
[87] (WO2018/057776)
[30] US (62/397,988) 2016-09-22
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[30] US (62/443,819) 2017-01-09
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[30] EP (17306081.5) 2017-08-18

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[25] EN
[54] **DEADBOLT POSITION SENSING**
[54] **DETECTION DE POSITION DE PENE DORMANT**
[72] MARTIN, JOHN H., US
[72] GOTO, KENNETH D., US
[72] KING, THOMAS E., US
[72] FOUNTAIN, JORDAN R., US
[72] BARAKAT, WAEL S., US
[71] CALIFORNIA THINGS, INC., US
[85] 2019-03-19
[86] 2017-09-19 (PCT/US2017/052353)
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[51] **Int.Cl. G06F 9/30 (2018.01)**
[25] EN
[54] **SUPRA BOUNDARY WEB COMPOSITOR APPARATUSES, METHODS AND SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES DE COMPOSITION DE BANDE SUPRA-LIMITE**
[72] ROSS, TIMOTHY DONALD, US
[72] SIDMAN, DAVID ANTHONY, US
[71] CONTENT DIRECTIONS, INC. DBA LINKSTORM, US
[85] 2019-03-19
[86] 2017-09-19 (PCT/US2017/052260)
[87] (WO2018/053505)
[30] US (62/396,796) 2016-09-19
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[51] **Int.Cl. F21V 19/00 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **TECHNOLOGIES FOR ILLUMINATION**
[54] **TECHNOLOGIES D'ECLAIRAGE**
[72] BENSHETRIT, DROR, US
[71] BENSHETRIT, DROR, US
[85] 2019-03-19
[86] 2017-09-19 (PCT/US2017/052295)
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[30] US (62/396,700) 2016-09-19

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[54] **ECDYSOZOANS TRAP**
[54] **PIEGE A ECDYSOZOAIRES**
[72] MAILLEUX, ANNE-CATHERINE, BE
[72] SOLHEID, MANHATTAN, BE
[71] DOMOBIOS, BE
[85] 2019-03-18
[86] 2017-09-20 (PCT/EP2017/073774)
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[30] EP (16189631.1) 2016-09-20
[30] US (15/270,472) 2016-09-20

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[51] **Int.Cl. G01J 3/42 (2006.01) A61B 5/00 (2006.01) G01J 3/02 (2006.01) G01J 3/50 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SPECTRAL REFLECTANCE IMAGING USING DIGITAL CAMERAS**
[54] **PROCEDE ET APPAREIL D'IMAGERIE PAR REFLECTANCE SPECTRALE UTILISANT DES CAMERAS NUMERIQUES**
[72] FAWZY, YASSER, CA
[71] ZYCOR LABS INC., CA
[85] 2019-03-19
[86] 2017-09-18 (PCT/CA2017/051099)
[87] (WO2018/049536)
[30] US (62/396,730) 2016-09-19

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[51] **Int.Cl. G06F 3/0484 (2013.01)**
[25] EN
[54] **OPERATION OBJECT PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'OBJET D'OPERATION**
[72] LIU, LINDONG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-03-19
[86] 2017-09-13 (PCT/CN2017/101523)
[87] (WO2018/054251)
[30] CN (201610839763.4) 2016-09-21

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[13] A1
[51] **Int.Cl. G06F 21/83 (2013.01) G06F 21/84 (2013.01) G06F 21/86 (2013.01) G07F 19/00 (2006.01) H05K 1/02 (2006.01)**
[25] EN
[54] **SUPPORT PART FOR A COMPONENT OF A SECURE ELECTRONIC DEVICE**
[54] **PIECE DE SUPPORT D'UN COMPOSANT D'UN DISPOSITIF ELECTRONIQUE SECURISE**
[72] FROMENT, MARION, FR
[72] DEDIEU, PHILIPPE, FR
[71] INGENICO GROUP, FR
[85] 2019-03-19
[86] 2017-09-22 (PCT/EP2017/073999)
[87] (WO2018/055076)
[30] FR (1658925) 2016-09-22

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[13] A1
[51] **Int.Cl. C08K 5/32 (2006.01) C08K 5/3435 (2006.01) C08K 5/3492 (2006.01)**
[25] EN
[54] **POLYPROPYLENE COMPOSITION**
[54] **COMPOSITION DE POLYPROPYLENE**
[72] BERNREITNER, KLAUS, AT
[72] SANDHOLZER, MARTINA, AT
[72] HELLSTROM, STEFAN, SE
[72] BROEDERS, BERT, BE
[71] BOREALIS AG, AT
[85] 2019-03-19
[86] 2017-11-07 (PCT/EP2017/078448)
[87] (WO2018/087077)
[30] EP (16197913.3) 2016-11-09

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[51] **Int.Cl. A61K 8/02 (2006.01) A61K 9/00 (2006.01) A61N 1/04 (2006.01) A61N 5/06 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **KIT AND METHOD FOR TOPICAL DELIVERY OF BENEFITS**
[54] **KIT ET PROCEDE D'ADMINISTRATION TOPIQUE DE BIENFAITS**
[72] BINNER, CURT, US
[72] PAUNESCU, ALEXANDRU, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2019-03-19
[86] 2017-09-20 (PCT/US2017/052407)
[87] (WO2018/063875)
[30] US (62/402,216) 2016-09-30
[30] US (15/705,776) 2017-09-15

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR (CAR) THAT TARGETS CHEMOKINE RECEPTOR CCR4 AND ITS USE**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE (CAR) QUI CIBLE LE RECEPTEUR DE CHIMIOKINE CCR4 ET SON UTILISATION**
[72] PERERA, LIYANAGE PARAKRAMA, US
[72] WALDMANN, THOMAS ALEXANDER, US
[72] PERERA, PIN-YU, US
[72] CONLON, KEVIN CHARLES, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2019-03-19
[86] 2017-09-20 (PCT/US2017/052437)
[87] (WO2018/057585)
[30] US (62/397,810) 2016-09-21

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/34 (2012.01) G06Q 20/40 (2012.01) G06F 21/62 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR POINT TO POINT ENCRYPTION AND TOKENIZATION IN A HOSTED ENVIRONMENT**
[54] **SYSTEME ET PROCEDES DE CRYPTAGE ET DE PROTECTION PAR JETON POINT PAR POINT DANS UN ENVIRONNEMENT HEBERGE**
[72] JOHNSON, AARON MARCUS, US
[72] GERBER, CHRISTOPHER JOHN, US
[72] CORSON, GERALD DUANE, III, US
[72] WATTS, CHARLES ALAN, US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-19
[86] 2017-09-20 (PCT/US2017/052468)
[87] (WO2018/057599)
[30] US (62/397,555) 2016-09-21

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[51] **Int.Cl. C12N 5/10 (2006.01) A01H 5/00 (2018.01) C12N 9/04 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **MODIFYING N-GLYCOSYLATION OF PLANT PROTEINS USING GDP-4-DEHYDRO-6-DEOXY-D-MANNOSE REDUCTASE (RMD)**
[54] **MODIFICATION DE LA N-GLYCOSYLATION DE PROTEINES VEGETALES A L'AIDE DE LA GDP-4-DESHYDRO-6-DESOXY-D-MANNOSE REDUCTASE (RMD)**
[72] D'AOUST, MARC-ANDRE, CA
[72] LAVOIE, PIERRE-OLIVIER, CA
[72] FALCON DE LONGEVIALLE, ANDEOL, FR
[71] MEDICAGO INC., CA
[71] GENOPOLE, FR
[85] 2019-03-19
[86] 2017-09-29 (PCT/CA2017/051165)
[87] (WO2018/058256)
[30] US (62/402,022) 2016-09-30

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[51] **Int.Cl. B60R 11/02 (2006.01) B60N 3/00 (2006.01) B60R 11/00 (2006.01)**
[25] EN
[54] **DISPLAY UNIT FOR A VEHICLE**
[54] **UNITE D'AFFICHAGE POUR UN VEHICULE**
[72] CARSWELL, SAMUEL A., US
[72] COTLER, AUSTIN, US
[72] PARK, JOHN, US
[72] RAMIREZ, ERNESTO, US
[72] SARGEANT, STEVE, US
[71] SYSTEMS AND SOFTWARE ENTERPRISES, LLC, US
[85] 2019-03-19
[86] 2016-09-21 (PCT/US2016/052936)
[87] (WO2018/056970)
[30] US (15/272,108) 2016-09-21

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/11 (2006.01) A61B 18/00 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **VASCULAR STENT DEVICES AND METHODS**
[54] **DISPOSITIF STENTS VASCULAIRES ET METHODES ASSOCIEES**
[72] PATE, THOMAS D., US
[72] COHN, WILLIAM E., US
[71] TVA MEDICAL, INC., US
[85] 2019-03-19
[86] 2017-07-19 (PCT/US2017/042937)
[87] (WO2018/057095)
[30] US (62/399,465) 2016-09-25

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[13] A1
[51] **Int.Cl. H04L 9/00 (2006.01)**
[25] EN
[54] **ENCRYPTION SYSTEM FOR MEDICAL DEVICES**
[54] **SYSTEME DE CHIFFREMENT POUR DISPOSITIFS MEDICAUX**
[72] NICOLSON, STRETT ROGER, US
[72] GREENSPAN, LARRY, US
[72] FENSKE, MICHAEL, US
[72] FIENI, PAUL, US
[72] LARSEN, MARK, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-03-19
[86] 2017-09-21 (PCT/US2017/052807)
[87] (WO2018/057801)
[30] US (62/399,197) 2016-09-23

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[13] A1
[51] **Int.Cl. A61N 1/18 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MINIMALLY INVASIVE IN VIVO TRANSFECTION OF ADIPOSE TISSUE USING ELECTROPORATION**
[54] **PROCEDE ET DISPOSITIF DE TRANSFECTION IN VIVO MINIMALEMENT INVASIVE DE TISSU ADIPEUX A L'AIDE D'ELECTROPORATION**
[72] FISHER, PAUL, US
[72] BRODERICK, KATE, US
[72] MCCOY, JAY, US
[71] INOVIO PHARMACEUTICALS, INC., US
[85] 2019-03-19
[86] 2017-09-22 (PCT/US2017/052970)
[87] (WO2018/057900)
[30] US (62/398,932) 2016-09-23
[30] US (62/480,180) 2017-03-31

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 35/17 (2015.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 14/59 (2006.01) C07K 14/705 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS AND COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES, COMPOSITIONS ET PROCEDES D'UTILISATION COORESPONDANTS**
[72] EPSTEIN, ALAN L., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2019-03-19
[86] 2017-09-22 (PCT/US2017/052974)
[87] (WO2018/057904)
[30] US (62/399,244) 2016-09-23

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[51] **Int.Cl. B23P 11/00 (2006.01) B23P 19/04 (2006.01) F16G 3/00 (2006.01) F16G 3/16 (2006.01)**
[25] EN
[54] **APPLICATOR FOR CONVEYOR BELT FASTENERS**
[54] **APPLICATEUR POUR DES ELEMENTS DE FIXATION DE COURROIE TRANSPORTEUSE**
[72] VAN'T SCHIP, JOANNES STEFANUS, US
[72] KUIPER, DANIEL J., US
[72] CARR, JASON, US
[71] FLEXIBLE STEEL LACING COMPANY, US
[85] 2019-03-19
[86] 2017-09-22 (PCT/US2017/053011)
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[30] US (62/398,978) 2016-09-23

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 31/407 (2006.01) A61K 31/496 (2006.01) A61K 31/519 (2006.01) A61K 31/551 (2006.01) A61K 47/12 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR SMALL MOLECULE THERAPEUTIC AGENT COMPOUNDS**
[54] **COMPOSITIONS POUR COMPOSES AGENTS THERAPEUTIQUES A PETITES MOLECULES**
[72] WATKINS, GREGORY A., US
[71] DELPOR, INC., US
[85] 2019-03-19
[86] 2017-09-22 (PCT/US2017/053074)
[87] (WO2018/057968)
[30] US (62/399,083) 2016-09-23

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[51] **Int.Cl. C07K 16/30 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/44 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ANTI-MUC16 (MUCIN 16) ANTIBODIES**
[54] **ANTICORPS ANTI-MUC16 (MUCINE 16)**
[72] HABER, LAURIC, US
[72] SMITH, ERIC, US
[72] KELLY, MARCUS, US
[72] KIRSHNER, JESSICA R., US
[72] COETZEE, SANDRA, US
[72] CRAWFORD, ALISON, US
[72] NITTOLI, THOMAS, US
[72] LIU, YASHU, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2019-03-19
[86] 2017-09-22 (PCT/US2017/053114)
[87] (WO2018/058003)
[30] US (62/399,249) 2016-09-23
[30] US (62/558,711) 2017-09-14

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[51] **Int.Cl. C07D 491/04 (2006.01) A61K 31/436 (2006.01) A61P 25/00 (2006.01) C07D 491/18 (2006.01)**
[25] EN
[54] **CHROMANE, ISOCHROMANE AND DIHYDROISOBENZOFURAN DERIVATIVES AS MGLUR2-NEGATIVE ALLOSTERIC MODULATORS, COMPOSITIONS, AND THEIR USE**
[54] **DERIVES DE CHROMANE, D'ISOCHROMANE ET DE DIHYDROISOBENZOFURANE EN TANT QUE MODULATEURS ALLOSTERIQUES NEGATIFS DE MGLUR2, COMPOSITIONS ET LEUR UTILISATION**
[72] SEBHAT, IYASSU K., US
[72] ARASAPPAN, ASHOK, US
[72] HOYT, SCOTT B., US
[72] WILKENING, ROBERT R., US
[72] DEMONG, DUANE, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2019-03-19
[86] 2017-09-25 (PCT/US2017/053155)
[87] (WO2018/063955)
[30] US (62/400,150) 2016-09-27

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/573 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING RISKS ASSOCIATED WITH CARDIOVASCULAR DISEASES**
[54] **PROCEDE DE DETERMINATION DE RISQUES ASSOCIES A DES MALADIES CARDIOVASCULAIRES**
[72] PUSSINEN, PIRKKO, FI
[72] SORSA, TIMO, FI
[72] SALOMAA, VEIKKO, FI
[72] JUHILA, JUUSO, FI
[72] KORVUO, ARMI, FI
[72] TIISALA, SINIKKA, FI
[71] OY MEDIX BIOCHEMICA AB, FI
[85] 2019-03-19
[86] 2017-09-27 (PCT/FI2017/050680)
[87] (WO2018/060556)
[30] FI (20165730) 2016-09-29

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[13] A1
[51] **Int.Cl. A61K 9/19 (2006.01) C12N 1/04 (2006.01)**
[25] EN
[54] **LYOPHILIZATION METHODS THAT PROVIDE STABLY DEHYDRATED PROTOZOANS FOR USE AS POTENT LIVE VACCINES**
[54] **PROCEDES DE LYOPHILISATION QUI FOURNISSENT DES PROTOZOAIRES DESHYDRATES DE MANIERE STABLE DESTINES A ETRE UTILISES EN TANT QUE VACCINS VIVANTS PUISSANTS**
[72] DAOUSSI, RIM, BE
[72] WEBER, FREDERICK H., US
[71] ZOETIS SERVICES LLC, US
[85] 2019-03-19
[86] 2017-10-04 (PCT/US2017/055056)
[87] (WO2018/067647)
[30] US (62/404,448) 2016-10-05

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSITIONS D'OLIGONUCLEOTIDES ET METHODES ASSOCIEES**
[72] BUTLER, DAVID CHARLES DONNELL, US
[72] DIVAKARAMENON, SETHUMADHAVAN, US
[72] FRANCIS, CHRISTOPHER J., US
[72] FRANK-KAMENETSKY, MARIA DAVID, US
[72] IWAMOTO, NAOKI, US
[72] LU, GENLIANG, US
[72] MARAPPAN, SUBRAMANIAN, US
[72] MEENA, US
[72] VARGEESE, CHANDRA, US
[72] VERDINE, GREGORY L., US
[72] YANG, HAILIN, US
[72] ZHANG, JASON JINGXIN, US
[71] WAVE LIFE SCIENCES LTD., SG
[85] 2019-03-19
[86] 2017-10-06 (PCT/US2017/055601)
[87] (WO2018/067973)
[30] US (PCT/US2016/056123) 2016-10-07

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[13] A1
[51] **Int.Cl. B32B 5/26 (2006.01) B32B 3/10 (2006.01) B32B 5/02 (2006.01) B32B 5/08 (2006.01) B32B 37/06 (2006.01) B32B 37/08 (2006.01)**
[25] EN
[54] **HYBRID FIBER BASED MOLDING THERMOPLASTIC ARTICLE AND PROCESS OF FORMING SAME**
[54] **ARTICLE THERMOPLASTIQUE DE MOULAGE A BASE DE FIBRES HYBRIDES ET SON PROCEDE DE FABRICATION**
[72] GUHA, PROBIR KUMAR, US
[72] BONTE, PHILIPPE, FR
[72] TOITGANS, MARC-PHILIPPE, FR
[72] BOYER, DOMINIQUE, FR
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2019-03-19
[86] 2017-11-28 (PCT/US2017/063379)
[87] (WO2018/102282)
[30] US (62/427,870) 2016-11-30

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/38 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS, AND METHOD FOR WELL DELIQUIFICATION**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR L'ASSECHEMENT D'UN PUITS**
[72] HALEY, BART AARON, US
[72] GAMBOA, JOSE A., US
[72] DIAZ, GABRIEL, US
[72] PARTINGTON, BENJAMIN FRANCIS, US
[72] ARELLANO, JOSE LUIS M., US
[71] CHEVRON U.S.A. INC., US
[85] 2019-03-19
[86] 2017-10-06 (PCT/US2017/055613)
[87] (WO2018/067981)
[30] US (62/405,620) 2016-10-07

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[13] A1
[51] **Int.Cl. B24B 19/26 (2006.01) B24B 23/02 (2006.01) B24B 49/00 (2012.01) B24D 9/08 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **PROCESS FOR AUTOMATED SANDING OF A VEHICLE COMPONENT SURFACE**
[54] **PROCEDE DE PONCAGE AUTOMATISE D'UNE SURFACE DE COMPOSANT DE VEHICULE**
[72] GUHA, PROBIR KUMAR, US
[72] BONTE, PHILIPPE, FR
[72] TOITGANS, MARC-PHILIPPE, FR
[72] BOYER, DOMINIQUE, FR
[72] SHAH, MAYUR S., US
[72] AKE, OHIOLE, US
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2019-03-19
[86] 2017-11-29 (PCT/US2017/063646)
[87] (WO2018/102374)
[30] US (62/427,462) 2016-11-29

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[13] A1
[51] **Int.Cl. C07C 51/487 (2006.01) C07C 61/40 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF (1R,3R)- AND (1S,3S)-2,2-DIHALO-3-(SUBSTITUTED PHENYL)CYCLOPROPANECARBOXYLIC ACIDS**
[54] **PROCEDE DE PREPARATION D'ACIDES (1R,3R)- ET (1S,3S)-2,2-DIHALO-3-(PHENYLE SUBSTITUE) CYCLOPROPANECARBOXYLIQUE**
[72] CHOY, NAKYEN, US
[72] LI, FANGZHENG, US
[71] DOW AGROSCIENCES LLC, US
[85] 2019-03-19
[86] 2017-10-09 (PCT/US2017/055699)
[87] (WO2018/071320)
[30] US (62/406,972) 2016-10-12

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[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/06 (2006.01) A61K 8/19 (2006.01) A61K 8/34 (2006.01) A61K 8/39 (2006.01) A61K 8/44 (2006.01) A61K 8/86 (2006.01) A61K 8/92 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **ALUMINUM-FREE ANTIPERSPIRANT/DEODORANT COMPOSITIONS**
[54] **COMPOSITIONS ANTI-TRANSPIRANTES/DEODORANTES EXEMPT D'ALUMINIUM**
[72] HILLIARD, PETER R., JR., US
[72] KENNEDY, SHARON, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-03-19
[86] 2017-12-08 (PCT/US2017/065226)
[87] (WO2018/111706)
[30] US (62/434,226) 2016-12-14

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[13] A1
[51] **Int.Cl. B29C 70/08 (2006.01) B29C 70/12 (2006.01) B29C 70/48 (2006.01) B29C 70/68 (2006.01)**
[25] EN
[54] **TWO PIECE BONDED VEHICLE COMPONENTS FORMED BY SHEET MOLDING COMPOUND-RESIN TRANSFER MOLDING ASSEMBLIES**
[54] **COMPOSANTS DE VEHICULE COMPOSITES A DEUX ELEMENTS FORMES PAR DES ENSEMBLES DE MOULAGE PAR TRANSFERT DE RESINE-COMPOSES DE MOULAGE EN FEUILLE**
[72] GUHA, PROBIR KUMAR, US
[72] BONTE, PHILIPPE, FR
[72] TOITGANS, MARC-PHILIPPE, FR
[72] BOYER, DOMINIQUE, FR
[71] CONTINENTAL STRUCTURAL PLASTICS, INC., US
[85] 2019-03-19
[86] 2017-11-29 (PCT/US2017/063723)
[87] (WO2018/102420)
[30] US (62/427,890) 2016-11-30

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[13] A1
[51] **Int.Cl. G01M 17/03 (2006.01) B62D 55/08 (2006.01) B62D 55/24 (2006.01) B62D 55/26 (2006.01) G01C 22/00 (2006.01) G01P 1/02 (2006.01) G01R 33/02 (2006.01)**
[25] EN
[54] **SMART TRACK SYSTEM HAVING EMBEDDED SENSORS AND METHOD OF USING THE SAME**
[54] **SYSTEME DE PISTE INTELLIGENTE COMPORTANT DES CAPTEURS INTEGRES ET SON PROCEDE D'UTILISATION**
[72] TODD, ANDRE, CA
[72] BIBEAU, SYLVAIN, CA
[72] DEVIN, CHARLES, CA
[71] SOUCY INTERNATIONAL INC., CA
[85] 2019-03-20
[86] 2016-09-21 (PCT/CA2016/051102)
[87] (WO2017/049393)
[30] US (62/221,455) 2015-09-21

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[51] **Int.Cl. B01F 17/28 (2006.01) B01F 17/38 (2006.01) B01F 17/42 (2006.01)**
[25] EN
[54] **GEMINI-LIKE AND OLIGOMERIC-LIKE SURFACTANT COMPOSITIONS**
[54] **COMPOSITIONS DE TENSIOACTIFS DU TYPE GEMINI ET DU TYPE OLIGOMERE**
[72] SMITH, GEORGE A., US
[72] BYRNE, HEATHER, US
[72] TANN, R. SCOTT, US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2019-03-19
[86] 2018-01-16 (PCT/US2018/013847)
[87] (WO2018/132823)
[30] US (62/446,684) 2017-01-16

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[13] A1
[51] **Int.Cl. A01H 1/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **GENERATING NORTHERN LEAF BLIGHT RESISTANT MAIZE**
[54] **GENERATION DE MAIS RESISTANT A L'HELMINTHOSPORIOSE DU NORD**
[72] GAO, HUIRONG, US
[72] LI, BAILIN, US
[72] MEELEY, ROBERT B., US
[72] PERUGINI, LEANDRO DANIEL, US
[72] TABOR, GIRMA M., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[87] (WO2018/071362)
[30] US (62/407,867) 2016-10-13

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[13] A1
[51] **Int.Cl. A61K 31/551 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROCESS FOR EXPLOITING SYNTHETIC LETHALITY BASED ON OVEREXPRESSION OF MYC ONCOGENE**
[54] **PROCEDE D'EXPLOITATION DE LETALITE SYNTHETIQUE BASEE SUR LA SUREXPRESSION D'ONCOGENE MYC**
[72] YANG, DUN, US
[72] ZHANG, JING, GB
[72] ZHANG, SHENQIU, GB
[71] YANG, DUN, US
[85] 2019-03-19
[86] 2018-06-04 (PCT/US2018/035907)
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[30] US (62/514,861) 2017-06-04
[30] US (15/996,697) 2018-06-04

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[13] A1
[51] **Int.Cl. A01N 65/00 (2009.01) C07K 14/21 (2006.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **INSECTICIDAL PROTEINS FROM PLANTS AND METHODS FOR THEIR USE**
[54] **PROTEINES INSECTICIDES ISSUES DE PLANTES ET PROCEDES POUR LEUR UTILISATION**
[72] BARRY, JENNIFER KARA, US
[72] ENGLISH, JAMES J., US
[72] FENGLER, KEVIN A., US
[72] HOU, ZHENGLIN, US
[72] LIU, LU, US
[72] SCHEPERS, ERIC JUDE, US
[72] SOPA, JEFFREY SCOTT, US
[72] UDRANSZKY, INGRID, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2019-03-19
[86] 2017-10-13 (PCT/US2017/056517)
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[30] US (62/411,318) 2016-10-21

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[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/06 (2006.01) A61K 8/19 (2006.01) A61K 8/34 (2006.01) A61K 8/39 (2006.01) A61K 8/44 (2006.01) A61K 8/86 (2006.01) A61K 8/92 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **ALUMINUM-FREE ANTIPERSPIRANT/DEODORANT COMPOSITIONS**
[54] **COMPOSITIONS ANTI-TRANSPIRANTES/DEODORANTES EXEMPT D'ALUMINIUM**
[72] HILLIARD, PETER R., JR., US
[72] KENNEDY, SHARON, US
[72] BIELLI, CRISTINA, US
[72] ADAMS, RICHARD P., US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-03-19
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[30] US (62/434,219) 2016-12-14

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[13] A1
[51] **Int.Cl. B29C 45/16 (2006.01) B29C 45/22 (2006.01)**
[25] EN
[54] **MULTI-MATERIAL HOT RUNNER NOZZLE**
[54] **BUSE DE CANAL CHAUFFE A MATERIAUX MULTIPLES**
[72] YANKOV, PETER, CA
[72] KEIR, WILLIAM STEVEN, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2019-03-20
[86] 2017-09-14 (PCT/CA2017/051082)
[87] (WO2018/064751)
[30] US (62/404,280) 2016-10-05

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[13] A1
[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES THAT EXHIBIT CONSUMER RELEVANT PROPERTIES**
[54] **ARTICLES CONTENANT DES STRUCTURES FIBREUSES DOTES DE PROPRIETES PERTINENTES POUR LES CONSOMMATEURS**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] DENBOW, JAMES ROY, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-19
[86] 2017-10-17 (PCT/US2017/056975)
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[30] US (62/409,202) 2016-10-17

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[51] **Int.Cl. B01F 3/04 (2006.01) B01F 5/04 (2006.01) B01F 13/08 (2006.01) B01F 13/10 (2006.01) C02F 1/48 (2006.01) C02F 9/12 (2006.01) A01K 63/04 (2006.01) C02F 1/74 (2006.01) C02F 1/78 (2006.01)**
[25] EN
[54] **NANO-BUBBLE GENERATOR AND METHOD OF GENERATING NANO-BUBBLES**
[54] **GENERATEUR DE NANO-BULLES ET PROCEDE DE GENERATION DE NANO-BULLES**
[72] BOTHA, QUARTUS PAULUS, ZA
[71] BOTHA, QUARTUS PAULUS, ZA
[85] 2019-03-19
[86] 2017-09-06 (PCT/ZA2017/050054)
[87] (WO2018/064689)
[30] ZA (2016/06731) 2016-09-28

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/00 (2019.01) G06F 17/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRACKING WEAR OR USAGE OF COMMERCIAL PRODUCTS**
[54] **SYSTEMES ET PROCEDES DE SUIVI DE L'USURE OU DE L'UTILISATION DE PRODUITS COMMERCIAUX**
[72] MATTINGLY, TODD D., US
[72] TOVEY, DAVID, US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-19
[86] 2017-09-25 (PCT/US2017/053200)
[87] (WO2018/063968)
[30] US (62/400,535) 2016-09-27

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[13] A1
[51] **Int.Cl. F42D 1/04 (2006.01)**
[25] EN
[54] **DETONATOR SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR DE DETONATEUR**
[72] MULLER, ELMAR LENNOX, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
[85] 2019-03-19
[86] 2017-11-03 (PCT/ZA2017/050082)
[87] (WO2018/094426)
[30] ZA (2016/07861) 2016-11-15

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[13] A1
[51] **Int.Cl. A61K 35/76 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **OPTIMIZED ONCOLYTIC VIRUSES AND USES THEREOF**
[54] **VIRUS ONCOLYTIQUES OPTIMISES ET UTILISATIONS DE CES DERNIERS**
[72] CHUMAKOV, PETER M., US
[72] LIPATOVA, ANASTASIA V., US
[72] CHUMAKOV, STEPAN P., US
[72] TARAROVA, NATALIA D., US
[72] CHARLES, STEPHEN A., US
[72] KOMAR, ANTON A., US
[71] SATOR THERAPEUTICS LLC, US
[85] 2019-03-19
[86] 2017-09-27 (PCT/US2017/053659)
[87] (WO2018/064134)
[30] US (62/400,310) 2016-09-27
[30] US (62/426,724) 2016-11-28

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[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES THAT EXHIBIT CONSUMER RELEVANT PROPERTIES**
[54] **ARTICLES CONTENANT DES STRUCTURES FIBREUSES DOTES DE PROPRIETES PERTINENTES POUR LES CONSOMMATEURS**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] DENBOW, JAMES ROY, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-19
[86] 2017-10-17 (PCT/US2017/056977)
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[30] US (62/409,202) 2016-10-17

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[13] A1
[51] **Int.Cl. G05B 17/02 (2006.01)**
[25] EN
[54] **GEOMETRIC MODELLING FOR FACILITATING SIMULATION FOR MANUFACTURING OPERATIONS**
[54] **MODELISATION GEOMETRIQUE FACILITANT LA SIMULATION POUR DES OPERATIONS DE FABRICATION**
[72] JOY, JIMIN, CA
[72] FENG, HSI-YUNG, CA
[72] CHEN, JACK SZU-SHEN, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2019-03-20
[86] 2017-09-22 (PCT/CA2017/051114)
[87] (WO2018/053637)
[30] US (62/398,339) 2016-09-22

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **SIGNAL TRANSMISSION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'EMISSION DE SIGNAL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-03-20
[86] 2016-09-21 (PCT/CN2016/099609)
[87] (WO2018/053720)

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[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **PRESSURE-REGULATING VIAL ACCESS DEVICES AND METHODS**
[54] **DISPOSITIFS ET PROCEDES D'ACCES A UN FLACON A REGULATION DE PRESSION**
[72] CHHIKARA, BHUPINDER, US
[72] LINGUTLA, SRINATH, US
[72] EADS, BRANDON, US
[71] ICU MEDICAL, INC., US
[85] 2019-03-19
[86] 2017-09-27 (PCT/US2017/053792)
[87] (WO2018/064206)
[30] US (62/402,593) 2016-09-30

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[51] **Int.Cl. B25F 5/00 (2006.01) A01D 34/00 (2006.01) B25F 5/02 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **IMPROVED HEAT SINK AND HEAT DISSIPATION STRUCTURE**
[54] **DISSIPATEUR THERMIQUE AMELIORE ET STRUCTURE DE DISSIPATION THERMIQUE**
[72] LEE, HEI MAN RAYMOND, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[85] 2019-03-20
[86] 2016-09-21 (PCT/CN2016/099638)
[87] (WO2018/053729)

[21] **3,037,579**
[13] A1
[51] **Int.Cl. A61L 9/12 (2006.01) A01M 29/12 (2011.01)**
[25] EN
[54] **VOLATILE SUBSTANCE DISPENSING DEVICE AND FABRICATION METHOD THEREOF**
[54] **DISPOSITIF DE DISTRIBUTION DE SUBSTANCE VOLATILE ET SON PROCEDE DE FABRICATION**
[72] SORDO, LIVIO, IT
[72] MORHAIN, CEDRIC, ES
[72] DEFLORIAN, STEFANO, IT
[71] ZOBELE HOLDING S.P.A., IT
[85] 2019-03-20
[86] 2016-09-21 (PCT/EP2016/072423)
[87] (WO2018/054458)

[21] **3,037,580**
[13] A1
[51] **Int.Cl. H04W 36/00 (2009.01)**
[25] EN
[54] **BEAMFORMING INFORMATION INTERACTION METHOD AND NETWORK DEVICE**
[54] **PROCEDE D'INTERACTION D'INFORMATIONS DE FORMATION DE RESEAU, ET DISPOSITIF DE RESEAU**
[72] YANG, NING, CN
[72] SHI, ZHIHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-03-20
[86] 2016-11-04 (PCT/CN2016/104778)
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[21] **3,037,582**
[13] A1
[51] **Int.Cl. A61K 31/121 (2006.01) A61K 9/107 (2006.01) A61K 47/26 (2006.01) A61P 19/02 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] HANSEN, PHILIP, DK
[72] LJUNGQVIST, ANDERS, NO
[71] AVEXXIN AS, NO
[85] 2019-03-20
[86] 2017-09-21 (PCT/EP2017/073958)
[87] (WO2018/055062)
[30] GB (1616093.9) 2016-09-21
[30] GB (1708329.6) 2017-05-24

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[13] A1
[51] **Int.Cl. B23K 26/402 (2014.01) B23K 26/364 (2014.01) B32B 17/10 (2006.01) C03B 33/07 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRODUCING A PATTERNED FUNCTIONAL COATING FOR A GLASS LAYER**
[54] **DISPOSITIF ET PROCEDE POUR FORMER UN REVETEMENT FONCTIONNEL STRUCTURE SUR UNE COUCHE DE VERRE INCURVEE**
[72] YEH, LI-YA, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-03-20
[86] 2017-08-07 (PCT/EP2017/069939)
[87] (WO2018/054595)
[30] EP (16190620.1) 2016-09-26

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[13] A1
[51] **Int.Cl. H04N 21/435 (2011.01) G06T 19/00 (2011.01) H04N 21/434 (2011.01) H04N 21/81 (2011.01) H04N 21/845 (2011.01)**
[25] EN
[54] **ARCHITECTURE FOR AUGMENTING VIDEO DATA OBTAINED BY A CLIENT DEVICE WITH ONE OR MORE EFFECTS DURING RENDERING**
[54] **ARCHITECTURE POUR ENRICHIR DES DONNEES VIDEO OBTENUES PAR UN DISPOSITIF CLIENT AVEC UN OU PLUSIEURS EFFETS AU COURS DU RENDU**
[72] PIQUE CORCHS, HERMES GERMI, US
[72] PUGIN, KIRILL A., US
[72] RACASANU, RAZVAN GABRIEL, US
[72] MILLER, COLIN TODD, US
[72] SRINIVASAN, RAGAVAN, US
[71] FACEBOOK, INC., US
[85] 2019-03-19
[86] 2017-09-28 (PCT/US2017/054197)
[87] (WO2018/064429)
[30] US (15/283,292) 2016-10-01

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[51] **Int.Cl. C07D 235/30 (2006.01) A61K 31/4045 (2006.01) A61K 31/4184 (2006.01) A61P 7/06 (2006.01) A61P 35/02 (2006.01) C07D 209/40 (2006.01) C07D 277/82 (2006.01) C07D 405/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/10 (2006.01)**
[25] EN
[54] **SUBSTITUTED FUSED BI- OR TRI-HETEROCYCLIC COMPOUNDS AS EHMT2 INHIBITORS**
[54] **COMPOSES BI-OU TRI-HETEROCYCLIQUES FUSIONNES SUBSTITUES EN TANT QU'INHIBITEURS DE L'EHMT2**
[72] CAMPBELL, JOHN EMMERSON, US
[72] DUNCAN, KENNETH WILLIAM, US
[71] EPIZYME, INC., US
[85] 2019-03-19
[86] 2017-09-29 (PCT/US2017/054468)
[87] (WO2018/064557)
[30] US (62/402,863) 2016-09-30
[30] US (62/509,620) 2017-05-22

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[51] **Int.Cl. A61K 31/4745 (2006.01) A61K 9/00 (2006.01) A61K 47/00 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING MINERALOCORTICOID RECEPTOR ANTAGONIST AND USE THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN ANTAGONISTE DU RECEPTEUR MINERALOCORTICOIDE ET SON UTILISATION**
[72] HUANG, ZHENHUA, CN
[72] GUO, XIAOCUI, CN
[71] KBP BIOSCIENCES CO., LTD., CN
[85] 2019-03-20
[86] 2017-09-22 (PCT/CN2017/102969)
[87] (WO2018/054357)
[30] CN (201610849142.4) 2016-09-24

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[13] A1
[51] **Int.Cl. D21H 27/00 (2006.01) D21H 27/02 (2006.01)**
[25] EN
[54] **CREPED FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES CREPEES**
[72] WANG, FEI, US
[72] BARKEY, DOUGLAS JAY, US
[72] CAIN, JAMES ALLEN, US
[72] DELVECCHIO, STEPHEN JOHN, US
[72] LEIMBACH, ANGELA MARIE, US
[72] PIAO, KUN, US
[72] COMER, JAMES KENNETH, US
[72] MALADEN, RYAN DOMINIC, US
[72] JORDAN-BROWN, ATIYA, US
[72] LOEBKER, DAVID WARREN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-19
[86] 2017-10-25 (PCT/US2017/058176)
[87] (WO2018/081192)
[30] US (62/412,455) 2016-10-25
[30] US (62/489,007) 2017-04-24

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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01) A61B 90/50 (2016.01) B25J 1/02 (2006.01) B25J 13/08 (2006.01)**
[25] EN
[54] **MEDICAL HOLDING ARM FOR INTEGRATING IN A SURGICAL NAVIGATION SYSTEM**
[54] **BRAS DE RETENUE MEDICAL DESTINE A ETRE INTEGRE DANS UN SYSTEME DE NAVIGATION OPERATOIRE**
[72] KRINNINGER, MAXIMILIAN, DE
[72] NOWATSCHIN, STEPHAN, DE
[71] MEDINEERING GMBH, DE
[85] 2019-03-20
[86] 2017-09-13 (PCT/EP2017/072965)
[87] (WO2018/054729)
[30] DE (10 2016 118 123.4) 2016-09-26

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[13] A1
[51] **Int.Cl. A61K 31/121 (2006.01) A61K 31/765 (2006.01) A61P 17/06 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] HESSMAN, CHARLOTTE, SE
[72] SVENNSON, BIRGITTA, SE
[72] LJUNGQVIST, ANDERS, NO
[71] AVEXXIN AS, NO
[85] 2019-03-20
[86] 2017-09-21 (PCT/EP2017/073951)
[87] (WO2018/055058)
[30] GB (1616088.9) 2016-09-21

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[13] A1
[51] **Int.Cl. A61L 27/22 (2006.01) A61L 27/26 (2006.01) A61L 27/32 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **EXTRACELLULAR MATRIX MATERIAL**
[54] **MATERIAU DE MATRICE EXTRACELLULAIRE**
[72] GARCIA-GARETA, ELENA, GB
[72] KOHLI, NUPUR, GB
[71] RAFT ENTERPRISES LTD., GB
[85] 2019-03-20
[86] 2017-09-20 (PCT/GB2017/052796)
[87] (WO2018/055361)
[30] GB (1615972.5) 2016-09-20

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0215 (2006.01) A61B 5/07 (2006.01) A61B 5/026 (2006.01) A61B 5/03 (2006.01)**
[25] EN
[54] **AN ANTENNA FOR AN IMPLANTABLE DEVICE**
[54] **ANTENNE POUR UN DISPOSITIF IMPLANTABLE**
[72] BAHMANYAR, MOHAMMAD REZA, GB
[72] MCLEOD, CHRISTOPHER NEIL, GB
[72] MURPHY, OLIVE H., GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2019-03-20
[86] 2017-09-20 (PCT/GB2017/052801)
[87] (WO2018/055366)
[30] GB (1616096.2) 2016-09-21

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[13] A1
[51] **Int.Cl. H01M 8/0273 (2016.01) C25B 1/08 (2006.01) C25B 9/00 (2006.01) H01M 8/0286 (2016.01) H01M 8/124 (2016.01) F16J 15/02 (2006.01)**
[25] FR
[54] **WATER ELECTROLYSIS REACTOR (SOEC) OR FUEL CELL (SOFC) WITH AN INCREASED RATE OF WATER VAPOUR USE OR FUEL USE, RESPECTIVELY**
[54] **REACTEUR D'ELECTROLYSE DE L'EAU (SOEC) OU PILE A COMBUSTIBLE (SOFC) A TAUX D'UTILISATION DE VAPEUR D'EAU OU RESPECTIVEMENT DE COMBUSTIBLE AUGMENTE**
[72] DI IORIO, STEPHANE, FR
[72] ROUX, GUILHEM, FR
[72] ORESIC, BRUNO, FR
[72] REYTIER, MAGALI, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2019-03-20
[86] 2017-09-20 (PCT/EP2017/073839)
[87] (WO2018/055011)
[30] FR (1658906) 2016-09-22

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0215 (2006.01) A61B 5/03 (2006.01) G01L 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL**
[72] BAHMANYAR, MOHAMMAD REZA, GB
[72] MCLEOD, CHRISTOPHER NEIL, GB
[72] MURPHY, OLIVE H., GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2019-03-20
[86] 2017-09-20 (PCT/GB2017/052802)
[87] (WO2018/055367)
[30] GB (1616090.5) 2016-09-21

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[13] A1
[51] **Int.Cl. A61F 5/443 (2006.01) A61F 5/448 (2006.01)**
[25] EN
[54] **ADJUSTABLE CONVEXITY OSTOMY BARRIER**
[54] **BARRIERE DE STOMIE A CONVEXITE REGLABLE**
[72] CZAPLEWSKI, GREGORY J., US
[72] NIELSEN, KENNETH, DK
[72] GRUM-SCHWENSEN, CHRISTEN, DK
[72] PARK, RYAN S., US
[72] TRAN, TUAN, US
[72] LEADINGHAM, BRIAN T., US
[72] TETZLAFF, PATRICK C., US
[71] HOLLISTER INCORPORATED, US
[85] 2019-03-19
[86] 2017-10-03 (PCT/US2017/054903)
[87] (WO2018/067539)
[30] US (62/403,449) 2016-10-03

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[13] A1
[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE DEVICE**
[54] **DISPOSITIF IMPLANTABLE**
[72] BAHMANYAR, MOHAMMED REZA, GB
[72] MCLEOD, CHRISTOPHER NEIL, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2019-03-20
[86] 2017-09-20 (PCT/GB2017/052804)
[87] (WO2018/055369)
[30] GB (1616091.3) 2016-09-21

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[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/14 (2006.01) A61M 5/142 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE WITH REDUCED OCCLUSION**
[54] **DISPOSITIF MEDICAL A OCCLUSION REDUITE**
[72] SIEWIOREK, GAIL, US
[72] BLANCHARD, CURTIS, US
[72] KNIGHT, JOHN, US
[72] MA, YIPING, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-03-19
[86] 2017-10-25 (PCT/US2017/058279)
[87] (WO2018/081264)
[30] US (62/414,959) 2016-10-31

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[13] A1
[51] **Int.Cl. A61K 31/19 (2006.01) A61K 35/742 (2015.01) A23K 10/18 (2016.01) A61K 9/28 (2006.01) A61P 1/06 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) C12N 15/52 (2006.01) C12P 7/42 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND USES THEREOF FOR TREATING INFLAMMATORY DISEASES AND PROBIOTIC COMPOSITIONS**
[54] **COMPOSITIONS ET LEURS UTILISATIONS POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES ET COMPOSITIONS PROBIOTIQUES**
[72] BRADLEY, BENJAMIN, GB
[72] GREEN, EDWARD, GB
[72] HEEG, DANIELA, GB
[71] CHAIN BIOTECHNOLOGY LIMITED, GB
[85] 2019-03-20
[86] 2017-09-21 (PCT/GB2017/052832)
[87] (WO2018/055388)
[30] GB (1616058.2) 2016-09-21
[30] GB (1706751.3) 2017-04-27

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[13] A1
[51] **Int.Cl. A46B 9/04 (2006.01) A46B 15/00 (2006.01) A61C 17/22 (2006.01)**
[25] EN
[54] **ORAL CARE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SOINS BUCCO-DENTAIRES**
[72] GATZEMEYER, JOHN JACOB, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-03-19
[86] 2017-11-13 (PCT/US2017/061312)
[87] (WO2018/089896)
[30] US (15/350,285) 2016-11-14

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[13] A1
[51] **Int.Cl. A61F 2/89 (2013.01) A61B 5/00 (2006.01) A61F 2/82 (2013.01)**
[25] EN
[54] **APPARATUS FOR SECURING A DEVICE IN A VASCULAR LUMEN**
[54] **APPAREIL PERMETTANT DE FIXER UN DISPOSITIF DANS UNE LUMIERE VASCULAIRE**
[72] BAHMANYAR, MOHAMMAD REZA, GB
[72] MCLEOD, CHRISTOPHER NEIL, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2019-03-20
[86] 2017-09-21 (PCT/GB2017/052834)
[87] (WO2018/055389)
[30] GB (1616092.1) 2016-09-21

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[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01)**
[25] EN
[54] **AERODYNAMIC TRAILER SYSTEM WITH DUAL STIFFNESS SKIRT**
[54] **SYSTEME DE REMORQUE AERODYNAMIQUE AVEC JUPE A DOUBLE RIGIDITE**
[72] BRADLEY, CALVIN RHETT, US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2019-03-19
[86] 2017-11-14 (PCT/US2017/061537)
[87] (WO2018/097991)
[30] US (PCT/US2016/063262) 2016-11-22

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/513 (2006.01) A61P 35/00 (2006.01) C07D 407/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/18 (2006.01) C07D 487/04 (2006.01) C07D 491/20 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **PREPARATION AND USES OF PYRIMIDINONE DERIVATIVES**
[54] **PREPARATION ET UTILISATIONS DE DERIVES DE PYRIMIDINONE**
[72] CARSWELL, EMMA L., GB
[72] CHARLES, MARK DAVID, GB
[72] COCHI, ANNE, GB
[72] DUGAN, BENJAMIN J., US
[72] EKWURU, CHUKUEMEKA TENNYSON, GB
[72] ELUSTONDO, FRED, GB
[72] FOWLER, KATHERINE M., GB
[72] LEROUX, FREDERIC GEORGES MARIE, GB
[72] MONCK, NATHANIEL J.T., GB
[72] OTT, GREGORY R., US
[72] ROFFEY, JONATHAN R., GB
[72] SIDHU, GURWINDER, GB
[72] TREMAYNE, NEIL, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2019-03-20
[86] 2017-09-22 (PCT/GB2017/052849)
[87] (WO2018/055402)
[30] US (62/398,068) 2016-09-22

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[13] A1
[51] **Int.Cl. G06T 7/10 (2017.01) G06T 7/11 (2017.01)**
[25] EN
[54] **METHODS, SYSTEMS AND APPARATUS FOR SEGMENTING OBJECTS**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE SEGMENTATION D'OBJETS**
[72] FU, BO, US
[72] ZHANG, YAN, US
[72] GU, YE, US
[72] WILLIAMS, JAY J., US
[72] O'CONNELL, KEVIN J., US
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2019-03-19
[86] 2017-11-17 (PCT/US2017/062255)
[87] (WO2018/118294)
[30] US (15/385,113) 2016-12-20

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[13] A1
[51] **Int.Cl. G08B 21/04 (2006.01) A61B 5/0402 (2006.01)**
[25] EN
[54] **SYSTEM FOR MONITORING THE PHYSICAL CONDITION OF AT LEAST ONE USER AND METHOD FOR MONITORING THE PHYSICAL CONDITION OF A USER**
[54] **SYSTEME POUR LA SURVEILLANCE DE L'ETAT PHYSIQUE D'AU MOINS UN UTILISATEUR ET PROCEDE POUR LA SURVEILLANCE DE L'ETAT PHYSIQUE D'UN UTILISATEUR**
[72] GARRUZZO, MASSIMILIANO, IT
[72] MATTESI, MARCO, IT
[72] SACCHI, ILARIO, IT
[71] GARRUZZO, MASSIMILIANO, IT
[71] MATTESI, MARCO, IT
[71] SACCHI, ILARIO, IT
[85] 2019-03-20
[86] 2017-09-14 (PCT/IB2017/055549)
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[30] IT (102016000094345) 2016-09-20

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[25] EN
[54] **METHOD FOR PRODUCING A DENSIFIED MATERIAL FROM A COMPLEX FILM PRODUCTION PLANT AND USE**
[54] **METHODE DE PRODUCTION D'UN MATERIAU DENSIFIE A PARTIR D'UN FILM COMPLEXE, INSTALLATION DE PRODUCTION ET UTILISATION**
[72] VIDALAT, FANNY, FR
[72] VANNIEUWENHUYSE, NICOLAS, FR
[72] DERENNES, CHRISTOPHE, FR
[71] ARMOR, FR
[85] 2019-03-20
[86] 2017-09-25 (PCT/EP2017/074159)
[87] (WO2018/055146)
[30] FR (16 59038) 2016-09-26

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[13] A1
[51] **Int.Cl. A46B 5/00 (2006.01) A46B 9/04 (2006.01)**
[25] EN
[54] **PERSONAL CARE IMPLEMENT WITH REPLACEMENT HEAD**
[54] **ARTICLE D'HYGIENE PERSONNELLE A TETE DE REMPLACEMENT**
[72] WAINLESS, DANIEL, US
[72] HOHLBEIN, DOUGLAS J., US
[72] HENDERSON, DOUGLAS, US
[72] TAN, THUAN CHONG, CN
[72] FU, PENGYANG, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2019-03-19
[86] 2017-11-22 (PCT/US2017/062920)
[87] (WO2018/098211)
[30] CN (201611069616.X) 2016-11-28

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[13] A1
[51] **Int.Cl. A01D 41/14 (2006.01) A01D 75/28 (2006.01)**
[25] EN
[54] **HEADER HEIGHT CONTROL SYSTEM WITH MULTIPLE HEIGHT SENSORS**
[54] **SYSTEME DE COMMANDE DE HAUTEUR DE COLLECTEUR AVEC CAPTEURS DE HAUTEUR MULTIPLES**
[72] COOK, JOEL T., US
[72] LONG, ZACHARY, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[85] 2019-03-20
[86] 2017-09-08 (PCT/US2017/050740)
[87] (WO2018/049202)
[30] US (15/262,439) 2016-09-12

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[13] A1
[51] **Int.Cl. C22C 11/10 (2006.01) B23K 35/26 (2006.01)**
[25] EN
[54] **IMPROVED SOLDER AND METHOD FOR PRODUCING HIGH PURITY LEAD**
[54] **BRASURE AMELIOREE ET PROCEDE DE PRODUCTION DE PLOMB DE HAUTE PURETE**
[72] GOVAERTS, KOEN, BE
[72] LEMMENS, PELLE, BE
[72] MANNAERTS, KRIS, BE
[72] GORIS, DIRK, BE
[72] DE VISSCHER, YVES, BE
[72] GEENEN, CHARLES, BE
[72] COLETTI, BERT, BE
[71] METALLO BELGIUM, BE
[85] 2019-03-20
[86] 2017-09-26 (PCT/EP2017/074393)
[87] (WO2018/060202)
[30] EP (16190907.2) 2016-09-27

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[13] A1
[51] **Int.Cl. C10G 47/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR CONVERSION OF HYDROCARBONS**
[54] **PROCEDE DE CONVERSION D'HYDROCARBURES**
[72] RAJA, KANUPARTHY NAGA, IN
[72] PUDI, SATYANARAYANA MURTY, IN
[72] SHARMA, BHAVESH, IN
[72] PEDDY, VENKATA CHALAPATHI RAO, IN
[72] NETTEM, VENKATESWARLU CHOUDARY, IN
[72] GANDHAM, SRIGANESH, IN
[71] HINDUSTAN PETROLEUM CORPORATION LIMITED, IN
[85] 2019-03-20
[86] 2017-09-20 (PCT/IB2017/055689)
[87] (WO2018/055519)
[30] IN (201621032242) 2016-09-21

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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/44 (2006.01) A61K 8/46 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING SPECIFIC SURFACTANTS AND HIGH LEVELS OF GLYCERIN**
[54] **COMPOSITIONS COMPRENANT DES TENSIOACTIFS SPECIFIQUES ET DES NIVEAUX ELEVES DE GLYCERINE**
[72] YANG, LIN, US
[72] CHANDAR, PREM, US
[72] HU, JING, US
[71] UNILEVER PLC, GB
[85] 2019-03-20
[86] 2017-09-13 (PCT/EP2017/073038)
[87] (WO2018/054743)
[30] EP (16190191.3) 2016-09-22

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[13] A1
[51] **Int.Cl. A61F 5/055 (2006.01) A41D 13/05 (2006.01)**
[25] FR
[54] **DISPOSITIF APPUITETE A MOYENS ELASTIQUES DE RAPPEL VERS UNE POSITION NOMINALE**
[54] **HEADREST DEVICE WITH ELASTIC MEANS FOR RETURN TO A NOMINAL POSITION**
[72] BRIANT, PAUL, FR
[71] BRIANT, PAUL, FR
[85] 2019-03-20
[86] 2017-10-18 (PCT/FR2017/052870)
[87] (WO2018/073540)
[30] FR (1601511) 2016-10-18

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[13] A1
[51] **Int.Cl. C10G 47/02 (2006.01)**
[25] EN
[54] **A PROCESS FOR CONVERSION OF HYDROCARBONS TO MAXIMISE DISTILLATES**
[54] **PROCEDE DE CONVERSION D'HYDROCARBURES PERMETTANT DE MAXIMISER LES DISTILLATS**
[72] RAJA, KANUPARTHY, NAGA, IN
[72] PUDI, SATYANARAYANA MURTY, IN
[72] SHARMA, BHAVESH, IN
[72] PEDDY, VENKATA CHALAPATHI RAO, IN
[72] NETTEM, VENKATESWARLU CHOUDARY, IN
[72] GANDHAM, SRIGANESH, IN
[71] HINDUSTAN PETROLEUM CORPORATION LIMITED, IN
[85] 2019-03-20
[86] 2017-09-20 (PCT/IB2017/055691)
[87] (WO2018/055520)
[30] IN (201621032243) 2016-09-21

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[13] A1
[51] **Int.Cl. G06F 9/54 (2006.01)**
[25] EN
[54] **EVENT-BASED RESPONDER DISPATCH**
[54] **REPARTITION D'APPELES BASEE SUR DES EVENEMENTS**
[72] BOHLANDER, MICHAEL J., US
[72] FORTNA, RAYMOND T., US
[72] HUANG, ANTHONY G., US
[72] JOLMA, JEFFREY P., US
[72] WEISS, JULIANNE C., US
[72] DELUCA, AERIANNA K., US
[71] TASER INTERNATIONAL, INC., US
[85] 2019-03-20
[86] 2015-09-21 (PCT/US2015/051240)
[87] (WO2017/052498)

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[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/14 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING FILMS, AND A FEED DEVICE, AN INJECTION MOLD AND A SYSTEM**
[54] **PROCEDE DE TRAITEMENT DE FILMS AINSI QUE DISPOSITIF D'AVANCEMENT, OUTIL DE MOULAGE PAR INJECTION ET SYSTEME**
[72] HAHN, MARTIN, DE
[72] HOGL, HELMUT, DE
[72] STUHLINGER, CHRISTOPH, DE
[71] LEONHARD KURZ STIFTUNG & CO. KG, DE
[85] 2019-03-20
[86] 2017-09-27 (PCT/EP2017/074453)
[87] (WO2018/060225)
[30] DE (10 2016 118 259.1) 2016-09-27

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[13] A1
[51] **Int.Cl. A61M 1/06 (2006.01)**
[25] EN
[54] **BREAST SHIELD UNIT**
[54] **UNITE DE TETERELLE**
[72] WEBER, BEDA, CH
[72] THURING, MARTIN, CH
[72] RIGERT, MARIO, CH
[72] FELBER, ARMIN, CH
[71] MEDELA HOLDING AG, CH
[85] 2019-03-20
[86] 2017-09-14 (PCT/EP2017/073155)
[87] (WO2018/054758)
[30] EP (16190122.8) 2016-09-22

[21] **3,037,623**
[13] A1
[51] **Int.Cl. A61F 2/954 (2013.01) A61F 2/97 (2013.01)**
[25] FR
[54] **DRIVERS AND SET FOR THE INSERTION OF CONNECTABLE IMPLANTS**
[54] **LANCEURS ET ENSEMBLE POUR LA POSE D'IMPLANTS CONNECTABLES**
[72] BASCH, BERTRAND, FR
[72] CONTASSOT, DAVID, FR
[71] BS MEDICAL TECH INDUSTRY, FR
[71] ID NEST MEDICAL, FR
[85] 2019-03-20
[86] 2017-10-27 (PCT/FR2017/052969)
[87] (WO2018/078297)
[30] FR (1660463) 2016-10-27

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[13] A1
[51] **Int.Cl. E02F 3/60 (2006.01) D07B 1/00 (2006.01) D07B 1/04 (2006.01) D07B 1/06 (2006.01) D07B 1/16 (2006.01) E02F 3/46 (2006.01) E02F 3/47 (2006.01)**
[25] EN
[54] **IMPROVED DRAGLINE BUCKET RIGGING SYSTEM**
[54] **SYSTEME DE CORDAGE AMELIORE POUR BENNE TRAINANTE**
[72] CAMPBELL, RICHARD V., US
[71] CAMPBELL, RICHARD V., US
[85] 2019-03-20
[86] 2017-03-08 (PCT/US2017/021239)
[87] (WO2017/156049)
[30] US (15/066,162) 2016-03-10

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF PI3K-INHIBITORS**
[54] **COMBINAISON D'INHIBITEURS DE LA PI3K**
[72] LANGE, MARTIN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2019-03-20
[86] 2017-09-15 (PCT/EP2017/073308)
[87] (WO2018/054782)
[30] EP (16190377.8) 2016-09-23

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[13] A1
[51] **Int.Cl. B67D 7/08 (2010.01) A47F 1/035 (2006.01) A47G 23/10 (2006.01) A47K 5/06 (2006.01) A47K 10/32 (2006.01) B65B 1/30 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **UNIVERSAL DISPENSER MONITOR**
[54] **MONITEUR DE DISTRIBUTEUR UNIVERSEL**
[72] SINGH, GAVIN, CA
[72] BONDARENKO, VOLODIMIR, CA
[71] SMART WAVE TECHNOLOGIES, INC., US
[85] 2019-03-20
[86] 2017-09-18 (PCT/CA2017/051098)
[87] (WO2018/053627)
[30] US (62/397,741) 2016-09-21

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[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01) F15B 15/14 (2006.01) F15B 15/20 (2006.01)**
[25] EN
[54] **HYDRAULIC ACTUATOR WITH PRESSURE AMPLIFIER**
[54] **ACTIONNEUR HYDRAULIQUE A AMPLIFICATEUR DE PRESSION**
[72] TODSEN, JORGEN P., DK
[72] TYCHSEN, TOM, DK
[72] ZAVADINKA, PETER, DK
[72] VOKEL, LUBOS, DK
[72] HANUSOVSKY, JURAJ, DK
[72] CLAUSEN, JORGEN MADS, DK
[71] PISTONPOWER APS, DK
[85] 2019-03-20
[86] 2017-10-12 (PCT/EP2017/076110)
[87] (WO2018/082893)
[30] EP (16197299.7) 2016-11-04

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[13] A1
[51] **Int.Cl. C08G 69/28 (2006.01)**
[25] EN
[54] **PRODUCTION OF AN AQUEOUS SOLUTION OF DIAMINE/DIACID SALTS**
[54] **PRODUCTION D'UNE SOLUTION AQUEUSE DE SELS DE DIAMINE/DIACIDE**
[72] THIERRY, JEAN-FRANCOIS, FR
[72] TERNISIEN, THOMAS, FR
[71] RHODIA OPERATIONS, FR
[85] 2019-03-20
[86] 2017-09-15 (PCT/EP2017/073329)
[87] (WO2018/054784)
[30] EP (16190023.8) 2016-09-22

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6809 (2018.01) B01L 3/00 (2006.01) C12M 1/34 (2006.01) C40B 60/00 (2006.01)**
[25] EN
[54] **HIGH RESOLUTION SYSTEMS, KITS, APPARATUS, AND METHODS FOR BACTERIAL COMMUNITY RELATIONSHIP DETERMINATION AND OTHER HIGH THROUGHPUT MICROBIOLOGY APPLICATIONS**
[54] **SYSTEMES, KITS, APPAREIL ET PROCEDES A HAUTE RESOLUTION POUR DETERMINATION DE RELATION COMMUNAUTAIRE BACTERIENNE ET AUTRES APPLICATIONS DE MICROBIOLOGIE A HAUT DEBIT**
[72] CHRISTEY, PETER, US
[72] HALLOCK, ALEXANDER, US
[71] GENERAL AUTOMATION LAB TECHNOLOGIES, INC., US
[85] 2019-03-14
[86] 2017-09-28 (PCT/US2017/054108)
[87] (WO2018/064385)
[30] US (62/400,841) 2016-09-28

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[51] **Int.Cl. B01J 8/02 (2006.01) B01J 8/00 (2006.01)**
[25] FR
[54] **PAROI CYLINDRIQUE DE FILTRAGE DE PARTICULES SOLIDES DANS UN FLUIDE**
[54] **CYLINDRICAL WALL FOR FILTERING SOLID PARTICLES IN A FLUID**
[72] NASCIMENTO, PEDRO, FR
[72] SELMEN, ARNAUD, FR
[72] BELIN, RENAUD, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
[85] 2019-03-20
[86] 2017-09-18 (PCT/EP2017/073474)
[87] (WO2018/054838)
[30] FR (1658813) 2016-09-20

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[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01) F15B 15/14 (2006.01) F15B 15/20 (2006.01)**
[25] EN
[54] **HYDRAULIC ACTUATOR WITH CARTRIDGE PRESSURE AMPLIFIER**
[54] **ACTIONNEUR HYDRAULIQUE EQUIPE D'UN AMPLIFICATEUR DE PRESSION DE CARTOUCHE**
[72] THOMSEN, SVEND ERIK, DK
[72] TODSEN, JORGEN P., DK
[72] TYCHSEN, TOM, DK
[72] ZAVADINKA, PETER, DK
[72] VOKEL, LUBOS, DK
[72] HANUSOVSKY, JURAJ, DK
[72] CLAUSEN, JORGEN MADS, DK
[71] PISTONPOWER APS, DK
[85] 2019-03-20
[86] 2017-10-12 (PCT/EP2017/076112)
[87] (WO2018/082894)
[30] EP (16197319.3) 2016-11-04

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[51] **Int.Cl. C12N 15/12 (2006.01) A61K 48/00 (2006.01) A61P 21/00 (2006.01) C07K 14/47 (2006.01) C12N 9/22 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **METHODS OF MODIFYING THE DYSTROPHIN GENE AND RESTORING DYSTROPHIN EXPRESSION AND USES THEREOF**
[54] **PROCEDES DE MODIFICATION DU GENE DE LA DYSTROPHINE ET DE RESTAURATION DE L'EXPRESSION DE LA DYSTROPHINE ET LEURS UTILISATIONS**
[72] TREMBLAY, JACQUES P., CA
[72] IYOMBE-ENGEMBE, JEAN-PAUL, CA
[72] CHAPDELAINE, PIERRE, CA
[72] AGUDELO, DANIEL, CA
[72] DUCHENE, BENJAMIN, FR
[71] UNIVERSITE LAVAL, CA
[85] 2019-03-20
[86] 2017-09-21 (PCT/CA2017/051109)
[87] (WO2018/053632)
[30] CA (PCT/CA2016/051117) 2016-09-23
[30] US (62/474,827) 2017-03-22

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[13] A1
[51] **Int.Cl. B01J 8/02 (2006.01) B01D 29/11 (2006.01) B01D 29/44 (2006.01) B01D 33/067 (2006.01)**
[25] FR
[54] **PAROI CYLINDRIQUE DE FILTRAGE DE PARTICULES SOLIDES DANS UN FLUIDE**
[54] **CYLINDRICAL WALL FOR FILTERING SOLID PARTICLES IN A FLUID**
[72] NASCIMENTO, PEDRO, FR
[72] SELMEN, ARNAUD, FR
[72] ALLEN, MATTHEW, US
[71] TOTAL RAFFINAGE CHIMIE, FR
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[54] **METHOD AND APPARATUS FOR PRODUCING A SYNTHETIC SEMI-STATIC TENSILE MEMBER**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'ELEMENT DE TRACTION SEMI-STATIQUE SYNTHETIQUE**
[72] CAMPBELL, RICHARD V., US
[71] CAMPBELL, RICHARD V., US
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[54] **AEROSOL-GENERATING SYSTEM WITH ADJUSTABLE PUMP FLOW RATE**
[54] **SYSTEME DE GENERATION D'AEROSOL A DEBIT DE POMPE REGLABLE**
[72] BESSANT, MICHEL, CH
[72] MAZUR, BEN, GB
[72] SAADE LATORRE, EVA, CH
[72] TABASSO, ALAIN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **N 3 -CYCLICALLY SUBSTITUTED THIENOURACILES AND USE THEREOF**
[54] **THIENO-URACILES A SUBSTITUTION N 3 -CYCLIQUE ET LEUR UTILISATION**
[72] HARTER, MICHAEL, DE
[72] KOSEMUND, DIRK, DE
[72] CANCHO GRANDE, YOLANDA, DE
[72] DELBECK, MARTINA, DE
[72] KALTHOF, BERND, DE
[72] LUSTIG, KLEMENS, DE
[72] SUSSMEIER, FRANK, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[54] **AEROSOL-GENERATING SYSTEM AND METHOD WITH DISPENSING LIQUID AEROSOL-FORMING SUBSTRATE BY PUMPED AIR**
[54] **SYSTEME ET PROCEDE DE GENERATION D'AEROSOL AVEC DISTRIBUTION DE SUBSTRAT LIQUIDE DE FORMATION D'AEROSOL PAR DE L'AIR POMPE**
[72] MAZUR, BEN, GB
[72] SAADE LATORRE, EVA, CH
[72] TABASSO, ALAIN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **MELANOTRANSFERRIN FOR USE IN THE DIAGNOSIS OF PARKINSON`S DISEASE**
[54] **MELANOTRANSFERRINE DESTINEE A ETRE UTILISEE DANS LE DIAGNOSTIC DE LA MALADIE DE PARKINSON**
[72] ORIVE ARROYO, GORKA, ES
[72] CARRO DIAZ, EVA MARIA, ES
[72] DEL CASTILLO TAMAYO, JUAN CARLOS, ES
[71] GEROA DIAGNOSTICS, S.L., ES
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[54] **VAPORIZER FOR AN AEROSOL-GENERATING SYSTEM AND VAPORIZING METHOD**
[54] **VAPORISATEUR POUR SYSTEME DE GENERATION D'AEROSOL ET PROCEDE DE VAPORISATION**
[72] BESSANT, MICHEL, CH
[72] DUC, FABIEN, CH
[72] ELLIOTT, ZACHARY, GB
[72] EMMETT, ROBERT, CH
[72] OSTADI, HOSSEIN, GB
[72] PHILLIPS, SHAUN, GB
[72] RENFREW, BRUCE, GB
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[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **NOUVELLE VOIE DE SYNTHESE DE COPOLYAMIDES ALIPHATIQUES-AROMATIQUES STATISTIQUES ET LES COPOLYAMIDES ALIPHATIQUES-AROMATIQUES STATISTIQUES OBTENUS**
[72] CARLOTTI, STEPHANE, FR
[72] BAKKALI-HASSANI, CAMILLE, FR
[72] ROOS, KEVIN, FR
[72] PLANES, MIKAEL, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION SANS FIL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **METHOD FOR ANALYZING AN NMR SPECTRUM OF A LIPOPROTEIN-CONTAINING SAMPLE**
[54] **PROCEDE D'ANALYSE D'UN SPECTRE RMN D'UN ECHANTILLON CONTENANT DES LIPOPROTEINES**
[72] BAUMSTARK, DANIELA, DE
[71] NUMARES AG, DE
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[54] **CONTAINER AND BIOGAS SYSTEM**
[54] **RESERVOIR ET INSTALLATION DE BIOGAZ**
[72] EUSTERBROCK, CHRISTOPH, DE
[71] BIOENERGY CONCEPT GMBH, DE
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[54] **GEL D'ACIDE HYALURONIQUE A CATION ZINC DIVALENT**
[72] JING, LAURA JING, FR
[72] HARRIS, CRAIG STEVEN, FR
[72] KARLSSON, ANDERS, FR
[72] SAWEN, ELIN, FR
[71] NESTLE SKIN HEALTH SA, CH
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[25] FR
[54] **HYDROGEN COMPRESSOR WITH METAL HYDRIDE**
[54] **COMPRESSEUR D'HYDROGENE A HYDRURE METALLIQUE**
[72] CHAISE, ALBIN, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01)**
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[54] **INHALER DEVICE, AND METHOD AND PROGRAM FOR OPERATING THE SAME**
[54] **DISPOSITIF D'INHALATION ET PROCEDE ET PROGRAMME POUR SON FONCTIONNEMENT**
[72] YAMADA, MANABU, JP
[72] TAKEUCHI, MANABU, JP
[72] MATSUMOTO, HIROFUMI, JP
[71] JAPAN TOBACCO INC., JP
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[54] **SYSTEME AUTOMATISE DE REGULATION DE LA GLYCEMIE D'UN PATIENT**
[72] JALLON, PIERRE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **HOPPER CAR**
[54] **WAGON-TREMIE**
[72] LIN, LIANGCAI, CN
[72] XIANG, BIAOWEN, CN
[72] TANG, CHUQIANG, CN
[72] CUI, HONG, CN
[72] HU, YUEMING, CN
[72] WANG, SONG, CN
[72] ZHU, XUEBIN, CN
[72] YAN, RUI, CN
[72] ZHENG, CHUANPING, CN
[72] WEI, QI, CN
[71] CRRC YANGTZE CO., LTD., CN
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[54] **SYSTEME AUTOMATISE DE REGULATION DE LA GLYCEMIE D'UN PATIENT**
[72] DORON, ELEONORE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[51] **Int.Cl. B05C 5/00 (2006.01)**
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[54] **APPLICATION DEVICE**
[54] **DISPOSITIF D'APPLICATION**
[72] HAYAMA, HIRONOBU, JP
[72] NABETA, TAKESHI, JP
[72] MOTOHASHI, TAKASHI, JP
[72] WATANABE, CHIKANORI, JP
[72] YAMAMURO, TAKASHI, JP
[71] HONDA MOTOR CO., LTD., JP
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[30] JP (2016-186214) 2016-09-23

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/06 (2006.01)**
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[54] **TREATING CLUSTER HEADACHE**
[54] **TRAITEMENT DE L'ALGIE VASCULAIRE DE LA FACE**
[72] BIGAL, MARCELO, US
[72] AYCARDI, ERNESTO, US
[72] COHENBARAK, ORIT, IL
[71] TEVA PHARMACEUTICALS INTERNATIONAL GMBH, CH
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[51] **Int.Cl. C12N 15/113 (2010.01)**
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[54] **COMPOSITIONS D'OLIGONUCLEOTIDES D'ARN MODIFIES EN 2', DE TRICYCLO-ADN MELANGE ET LEURS UTILISATIONS**
[72] RENNER, WOLFGANG ANDREAS, CH
[72] DUGOVIC, BRANISLAV, CH
[71] SYNTHENA AG, CH
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[51] **Int.Cl. D07B 1/00 (2006.01) D07B 1/06 (2006.01) F16G 11/00 (2006.01) F16G 11/03 (2006.01) F16G 11/04 (2006.01) F16G 11/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A SYNTHETIC TENSILE MEMBER WITH A PRECISE LENGTH AND ENHANCED STABILITY**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UN ELEMENT DE TRACTION SYNTHETIQUE DE LONGUEUR PRECISE ET DE STABILITE AMELIOREE**
[72] CAMPBELL, RICHARD V., US
[71] CAMPBELL, RICHARD V., US
[85] 2019-03-20
[86] 2017-06-07 (PCT/US2017/036362)
[87] (WO2017/214277)
[30] US (62/347,120) 2016-06-08
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[51] **Int.Cl. F01D 25/18 (2006.01) F01M 13/04 (2006.01)**
[25] FR
[54] **SYSTEM FOR DEOILING AN AIR-OIL MIXTURE FOR PRESSURISING SEALS OF A TURBINE ENGINE**
[54] **SYSTEME DE DESHUILAGE D'UN MELANGE AIR/HUILE DE PRESSURISATION D'ETANCHEITES D'UNE TURBOMACHINE**
[72] FULLERINGER, BENJAMIN, FR
[72] PAJARD, JEAN-PIERRE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[51] **Int.Cl. A61B 17/10 (2006.01) A61B 17/064 (2006.01) A61B 17/068 (2006.01)**
[25] EN
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[54] **INSTRUMENTS APPLICATEURS POUR DISTRIBUER DES AGRAFES CHIRURGICALES AYANT DES ARBRES D'ARTICULATION**
[72] CARDINALE, MICHAEL, US
[72] COHN, SIMON, US
[72] GUO, JIANXIN, US
[72] FERREIRA, DANIAL PAUL, US
[71] ETHICON, INC., US
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[30] US (15/271,639) 2016-09-21

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[25] FR
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[54] **ANTENNE A TIGES FERROMAGNETIQUES BOBINEES ET COUPLEES ENTRE ELLES**
[72] KAVERINE, EVGUENI, FR
[72] PALUD, SEBASTIEN, FR
[72] HIMDI, MOHAMED, FR
[72] COLOMBEL, FRANCK, FR
[71] TDF, FR
[71] UNIVERSITE DE RENNES 1, FR
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[51] **Int.Cl. A23L 33/20 (2016.01) A23L 29/20 (2016.01) A23C 19/068 (2006.01) A23C 19/09 (2006.01) A23C 19/093 (2006.01)**
[25] EN
[54] **FRESH PASTA FILATA CHEESE WITHOUT FATS AND CORRESPONDING PRODUCTION PROCESS**
[54] **FROMAGE FRAIS A PATE FILEE SANS MATIERES GRASSES ET PROCEDE DE PRODUCTION CORRESPONDANT**
[72] CONTE, AMALIA, IT
[72] COSTA, CRISTINA, IT
[72] DEL NOBILE, MATTEO ALESSANDRO, IT
[72] LUCERA, ANNALISA, IT
[71] MINABA TECH S.R.L., IT
[71] CONTE, AMALIA, IT
[71] COSTA, CRISTINA, IT
[71] DEL NOBILE, MATTEO ALESSANDRO, IT
[71] LUCERA, ANNALISA, IT
[85] 2019-03-20
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[51] **Int.Cl. C08L 95/00 (2006.01)**
[25] FR
[54] **HYDROCARBON-BASED MIX SUITABLE FOR INTEGRATING A HEAT EXCHANGER DEVICE**
[54] **ENROBE HYDROCARBONE ADAPTE POUR INTEGRER UN DISPOSITIF POUR ECHANGEUR DE CHALEUR**
[72] FAUCON-DUMONT, STEPHANE, FR
[72] GIANETTI, THOMAS, FR
[72] PIRAUD, FLORIAN, FR
[71] EUROVIA, FR
[85] 2019-03-19
[86] 2017-09-26 (PCT/FR2017/052587)
[87] (WO2018/055315)
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[51] **Int.Cl. C10G 65/12 (2006.01) C10G 7/06 (2006.01) C10G 49/04 (2006.01) C10G 69/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR UPGRADING HEAVY HYDROCARBONS**
[54] **PROCEDE DE VALORISATION D'HYDROCARBURES LOURDS**
[72] RAJA, KANUPARTHY NAGA, IN
[72] PUDI, SATYANARAYANA MURTY, IN
[72] SHARMA, BHAVESH, IN
[72] PEDDY, VENKATA CHALAPATHI RAO, IN
[72] NETTEM, VENKATESWARLU CHOUDARY, IN
[72] GANDHAM, SRIGANESH, IN
[71] HINDUSTAN PETROLEUM CORPORATION LIMITED, IN
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[54] **SENSOR-ENABLED ACTIVATION OF PAYMENT INSTRUMENTS**
[54] **ACTIVATION D'INSTRUMENTS DE PAIEMENT OCCASIONNEE PAR CAPTEUR**
[72] OMOJOLA, AYOKUNLE, US
[72] ANDERSEN, ROBERT, US
[72] PERITO, DANIELE, US
[72] BEKMANN, JOACHIM, US
[71] SQUARE, INC., US
[85] 2019-03-20
[86] 2017-09-14 (PCT/US2017/051468)
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[30] US (15/282,759) 2016-09-30

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[51] **Int.Cl. B64C 1/16 (2006.01) B64D 27/20 (2006.01)**
[25] EN
[54] **AIRCRAFT HAVING AN AFT ENGINE**
[54] **AERONEF COMPORTANT UN MOTEUR ARRIERE**
[72] RAMAKRISHNAN, KISHORE, US
[72] YAO, JIXIAN, US
[72] PASTOUCHENKO, NIKOLAI N., US
[72] MALCEVIC, IVAN K., US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **ANOMALY DETECTION AND NEURAL NETWORK ALGORITHMS FOR PST HYDROCYCLONE CONDITION MONITORING**
[54] **DETECTION D'ANOMALIE ET ALGORITHMES DE RESEAU NEURONAL EN VUE D'UNE SURVEILLANCE DE CONDITION D'HYDROCYCLONE PST**
[72] DAVIS, MICHAEL A., US
[71] CIDRA CORPORATE SERVICES LLC, US
[85] 2019-03-20
[86] 2017-09-21 (PCT/US2017/052607)
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[25] EN
[54] **SYSTEM AND METHODS FOR POINT TO POINT ENCRYPTION AND TOKENIZATION**
[54] **SYSTEME ET PROCEDES DE CHIFFREMENT ET DE SEGMENTATION EN UNITES POINT A POINT**
[72] JOHNSON, AARON MARCUS, US
[72] GERBER, CHRISTOPHER JOHN, US
[72] CORSON, GERALD DUANE, US
[72] WATTS, CHARLES ALAN, US
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[54] **DERIVES HYDROXYCINNAMIQUES, PROCEDES ET UTILISATIONS ASSOCIES**
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[72] GOUVEIA SOMOES DA SILVA OLIVEIRA, PAULO JORGE, PT
[72] SANTOS TEIXEIRA, JOSE CARLOS, PT
[72] CAGIDE FAGIN, FERNANDO, PT
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[72] GDE, PANDHE WISNU SUYANTARA, JP
[72] IMAIZUMI, YUJI, JP
[72] AOKI, YUJI, JP
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[71] THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[71] CIDRA CORPORATE SERVICES LLC, US
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[54] **APPAREIL DE FORAGE FAISANT APPEL A UN DISPOSITIF DE DEVIATION ETANCHE A REGLAGE AUTOMATIQUE POUR FORER DES PUITS DIRECTIONNELS**
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[72] PETER, ANDREAS, US
[72] FULDA, CHRISTIAN, US
[72] EGGERS, HEIKO, US
[72] GRIMMER, HARALD, US
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[72] KISS, LASZLO ERNO, PT
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[72] DESCOURS, BENJAMIN, FR
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[54] **APPAREIL DE FORAGE UTILISANT UN DISPOSITIF DE DEVIATION A REGLAGE AUTOMATIQUE ET DES CAPTEURS DE DEVIATION DE FORAGE DE PUITS DIRECTIONNELS**
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[72] FULDA, CHRISTIAN, US
[72] EGGERS, HEIKO, US
[72] GRIMMER, HARALD, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **ENSEMBLE BOITE A AIR POUR OUTIL ELECTRIQUE EXTERIEUR**
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[71] MTD PRODUCTS INC, US
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[72] ZOOK, JONATHAN D., US
[72] YANKOVSKY, ALLA, US
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[54] **PROCEDE DE DETECTION, DE CORRECTION ET DE TRADUCTION AUTOMATISEES DE LIGNES NON LOCALISEES**
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[72] SPEIDEL, ANDRE, DE
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[72] TRAN, LISA, US
[72] TIAN, MINMIN, US
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[72] STRANGE, KEVIN B., US
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[71] J.D. FRANCO & CO., LLC, US
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[54] **TRAITEMENT RAPIDE DE LA PEAU A L'AIDE D'UN MICROCAROTTAGE**
[72] LEVINSON, DOUGLAS, US
[72] CRONHOLM, KAREN, US
[72] GINGGEN, ALEC, US
[71] CYTRELLIS BIOSYSTEMS, INC., US
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[87] (WO2018/057637)
[30] US (62/397,865) 2016-09-21

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[54] **SELECTIVE FIRE FIREARM SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ARME A FEU A FEU SELECTIF**
[72] SULLIVAN, LEROY JAMES, US
[72] RIENTS, CODY LEE, US
[71] ARM WEST, LLC, US
[85] 2019-03-20
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[30] US (15/275,253) 2016-09-23

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[54] **BREATHABLE FILMS WITH MICROBIAL BARRIER PROPERTIES**
[54] **FILMS RESPIRANTS AUX PROPRIETES ANTI-MICROBIENNES**
[72] ZHANG, JIANBIN, US
[72] HERMEL-DAVIDOCK, THERESA, US
[72] COUGHLIN, EDWARD BRYAN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2017-09-22 (PCT/US2017/052927)
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[30] US (62/399,743) 2016-09-26
[30] US (15/711,653) 2017-09-21

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[51] **Int.Cl. A61L 27/16 (2006.01) C08L 71/02 (2006.01)**
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[54] **ENHANCING BOND STRENGTH OF MEDICAL DEVICES**
[54] **AMELIORATION DE LA FORCE DE LIAISON DE DISPOSITIFS MEDICAUX**
[72] ZHANG, JIANBIN, US
[72] HERMEL-DAVIDOCK, THERESA, US
[72] COUGHLIN, EDWARD BRYAN, US
[72] DATASHVILI, TEA, US
[71] BECTON, DICKINSON AND COMPANY, US
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[30] US (62/399,748) 2016-09-26
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[54] **DOSE ADJUSTMENT**
[54] **REGLAGE DE DOSE**
[72] DUTTA, SANDEEP, US
[72] KOSLOSKI, MATTHEW, US
[72] LIU, WEI, US
[71] ABBVIE INC., US
[85] 2019-03-20
[86] 2017-09-22 (PCT/US2017/052994)
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[30] US (62/398,724) 2016-09-23
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[51] **Int.Cl. A24B 15/28 (2006.01) A24B 15/18 (2006.01)**
[25] EN
[54] **AGENTS AND METHODS FOR MODULATING THE SENSORY IMPACT OF TOBACCO OR HERBAL SMOKE**
[54] **AGENTS ET PROCEDES DE MODULATION DE L'IMPACT SENSORIEL DE LA FUMEE DE TABAC OU D'HERBES**
[72] VON BORSTEL, REID, US
[72] TAN, DENNIS, US
[72] SIVERLING, JOHN, US
[71] SENTIENS, LLC, US
[85] 2019-03-20
[86] 2017-09-22 (PCT/US2017/053052)
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[30] US (62/398,875) 2016-09-23

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[25] EN
[54] **AUGMENTED REALITY SPECTROSCOPY**
[54] **SPECTROSCOPIE DE REALITE AUGMENTEE**
[72] SAMEC, NICOLE ELIZABETH, US
[72] ROBAINA, NASTASJA U., US
[72] KAEHLER, ADRIAN, US
[72] BAERENRODT, MARK, US
[72] BAERENRODT, ERIC, US
[72] HARRISES, CHRISTOPHER M., US
[72] POWERS, TAMMY SHERRI, US
[71] MAGIC LEAP, INC., US
[85] 2019-03-20
[86] 2017-09-22 (PCT/US2017/053067)
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[25] EN
[54] **COMPOUNDS AND METHODS FOR IDO AND TDO MODULATION, AND INDICATIONS THEREFOR**
[54] **COMPOSES ET PROCEDES POUR LA MODULATION DE L'IDO ET DE LA TDO, ET INDICATIONS S'Y RAPPORTANT**
[72] ZHANG, JIAZHONG, US
[72] POWERS, HANNA, US
[72] ALBERS, AARON, US
[72] PHAM, PHUONGLY, US
[72] WU, GUOXIAN, US
[72] BUELL, JOHN, US
[72] SPEVAK, WAYNE, US
[72] GUO, ZUOJUN, US
[72] WALLESHAUSER, JACK, US
[72] ZHANG, YING, US
[71] PLEXXIKON INC., US
[85] 2019-03-20
[86] 2017-09-22 (PCT/US2017/053080)
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[30] US (62/398,409) 2016-09-22

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[25] EN
[54] **ANTI-STEAP2 ANTIBODIES, ANTIBODY-DRUG CONJUGATES, AND BISPECIFIC ANTIGEN-BINDING MOLECULES THAT BIND STEAP2 AND CD3, AND USES THEREOF**
[54] **ANTICORPS ANTI-STEAP2, CONJUGUES ANTICORPS-MEDICAMENT, ET MOLECULES BISPECIFIQUES DE LIAISON A L'ANTIGENE QUI SE LIENT A STEAP2 ET CD3, ET LEURS UTILISATIONS**
[72] RUDGE, JOHN, US
[72] DELFINO, FRANK, US
[72] HABER, LAURIC, US
[72] SMITH, ERIC, US
[72] KIRSHNER, JESSICA R., US
[72] CRAWFORD, ALISON, US
[72] NITTOLI, THOMAS, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2019-03-20
[86] 2017-09-22 (PCT/US2017/053111)
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[30] US (62/399,256) 2016-09-23

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[25] EN
[54] **BI SPECIFIC ANTI-MUC16-CD3 ANTIBODIES AND ANTI-MUC16 DRUG CONJUGATES**
[54] **ANTICORPS BISPECIFIQUES ANTI-MUC16-CD3 ET CONJUGUES MEDICAMENT ANTI-MUC16**
[72] HABER, LAURIC, US
[72] SMITH, ERIC, US
[72] KELLY, MARCUS, US
[72] KIRSHNER, JESSICA R., US
[72] COETZEE, SANDRA, US
[72] CRAWFORD, ALISON, US
[72] NITTOLI, THOMAS, US
[72] LIU, YASHU, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **LONG RANGE WIRELESS NOTIFICATION SYSTEM AND METHOD FOR ELECTRONIC RODENT TRAPS**
[54] **SYSTEME ET PROCEDE DE NOTIFICATION SANS FIL A LONGUE PORTEE POUR PIEGES A RONGEURS ELECTRONIQUES**
[72] DALY, THOMAS J., JR., US
[71] WOODSTREAM CORPORATION, US
[85] 2019-03-20
[86] 2017-09-25 (PCT/US2017/053220)
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[30] US (62/402,428) 2016-09-30
[30] US (15/711,601) 2017-09-21

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[54] **METHOD AND SYSTEM FOR DELIVERING REAL-TIME CONTENT**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DE CONTENU EN TEMPS REEL**
[72] LIN, HONGLIANG ERIC, US
[72] DICKER, JARROD, US
[71] WP COMPANY LLC, US
[85] 2019-03-20
[86] 2017-09-25 (PCT/US2017/053261)
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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 9/72 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **CROMOLYN COMPOSITIONS FOR TREATMENT OF PULMONARY FIBROSIS**
[54] **COMPOSITIONS A BASE DE CROMOLYNE POUR LE TRAITEMENT D'UNE FIBROSE PULMONAIRE**
[72] GERHART, WILLIAM, US
[72] TUTUNCU, AHMET, US
[72] ARMSTRONG, ROBERT CRAIG, US
[72] SONI, PRAVIN, US
[71] RESPIVANT SCIENCES GMBH, CH
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[51] **Int.Cl. G06Q 30/00 (2012.01) G06K 7/01 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR TRACKING WEAR OR USAGE OF COMMERCIAL PRODUCTS**
[54] **SYSTEMES ET PROCEDES DE SUIVI DE L'USURE OU DE L'UTILISATION DE PRODUITS COMMERCIAUX**
[72] MATTINGLY, TODD D., US
[72] TOVEY, DAVID, US
[72] TAYLOR, ROBERT J., US
[71] WALMART APOLLO, LLC, US
[85] 2019-03-20
[86] 2017-09-26 (PCT/US2017/053361)
[87] (WO2018/064010)
[30] US (62/400,404) 2016-09-27

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[51] **Int.Cl. A61K 31/519 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **P2X3 AND/OR P2X2/3 COMPOUNDS AND METHODS**
[54] **COMPOSES P2X3 ET/OU P2X2/3 ET METHODES ASSOCIEES**
[72] THOMPSON, SCOTT K., US
[72] PRIESTLEY, TONY, US
[72] KUNDU, MRINALKANTI, IN
[72] SAHA, ASHIS, US
[72] NATH, SUVADEEP, IN
[71] ASANA BIOSCIENCES, LLC, US
[85] 2019-03-20
[86] 2017-09-27 (PCT/US2017/053660)
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[30] US (62/402,280) 2016-09-30

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[51] **Int.Cl. H05B 6/06 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **PRE-AGEING SYSTEMS AND METHODS USING MAGNETIC HEATING**
[54] **SYSTEMES ET PROCEDES DE PRE-VIEILLISSEMENT UTILISANT UN CHAUFFAGE MAGNETIQUE**
[72] CUSTERS, DAVID MICHAEL, CA
[71] NOVELIS INC., US
[85] 2019-03-20
[86] 2017-09-27 (PCT/US2017/053661)
[87] (WO2018/064136)
[30] US (62/400,426) 2016-09-27
[30] US (62/505,948) 2017-05-14

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[51] **Int.Cl. A01G 9/00 (2018.01) A01G 9/20 (2006.01) A01G 9/24 (2006.01) A01G 31/00 (2018.01)**
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[54] **PLANT GROWING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CULTURE DE PLANTES**
[72] MASSEY, SCOTT, US
[71] HYDRO GROW LLC, US
[71] MASSEY, SCOTT, US
[85] 2019-03-20
[86] 2017-10-09 (PCT/US2017/055769)
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[30] US (62/405,532) 2016-10-07
[30] US (62/467,621) 2017-03-06
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[51] **Int.Cl. C21D 9/60 (2006.01) H05B 6/06 (2006.01) H05B 6/10 (2006.01)**
[25] EN
[54] **MAGNETIC LEVITATION HEATING OF METAL WITH CONTROLLED SURFACE QUALITY**
[54] **CHAUFFAGE PAR LEVITATION MAGNETIQUE DE METAL AVEC QUALITE DE SURFACE CONTROLEE**
[72] GAENSBAUER, DAVID ANTHONY, US
[72] GANTZER, DAVID, US
[72] WAGSTAFF, ROBERT BRUCE, US
[72] MACFARLANE, THERESA ELIZABETH, US
[72] BROWN, RODGER, US
[72] HOBBIS, ANDREW JAMES, US
[72] PRALONG, ANTOINE JEAN WILLY, CH
[71] NOVELIS INC., US
[85] 2019-03-20
[86] 2017-09-27 (PCT/US2017/053676)
[87] (WO2018/064145)
[30] US (62/400,426) 2016-09-27
[30] US (62/505,948) 2017-05-14

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[54] **AUTOMATED SYSTEM FOR LIGHTING CONTROL**
[54] **SYSTEME AUTOMATISE POUR COMMANDE D'ECLAIRAGE**
[72] GREENE, CHARLES E., US
[72] HARRIST, DANIEL W., US
[72] GENSURE, GEORGE, US
[71] POWERCAST CORPORATION, US
[85] 2019-03-20
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[30] US (62/405,681) 2016-10-07

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[51] **Int.Cl. B21C 47/00 (2006.01) B21C 47/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NON-CONTACT TENSIONING OF A METAL STRIP**
[54] **SYSTEMES ET PROCEDES DE MISE SOUS TENSION SANS CONTACT D'UNE BANDE METALLIQUE**
[72] PRALONG, ANTOINE JEAN WILLY, CH
[72] GAENSBAUER, DAVID ANTHONY, US
[72] BROWN, RODGER, US
[72] BECK, WILLIAM, US
[72] HOBBIS, ANDREW JAMES, US
[71] NOVELIS INC., US
[85] 2019-03-20
[86] 2017-09-27 (PCT/US2017/053810)
[87] (WO2018/064218)
[30] US (62/400,426) 2016-09-27
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[25] EN
[54] **MULTI-FUNCTIONAL ANTI-MICROBIAL POLYMERS AND COMPOSITIONS CONTAINING SAME**
[54] **POLYMERES ANTI-MICROBIENS MULTI-FONCTIONNELS ET COMPOSITIONS LES CONTENANT**
[72] GHANDI, KHASHAYAR, CA
[72] MAHIMWALLA, ZAHID, CA
[72] KAIRSIS, MICHAEL, US
[72] TAN, YANG, CA
[71] GHANDI, KHASHAYAR, CA
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[51] **Int.Cl. A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **METHODS, COMPOUNDS AND COMPOSITIONS FOR MODULATING BLOOD BRAIN BARRIER INTEGRITY AND RE-MYELINATION**
[54] **PROCEDES, COMPOSES ET COMPOSITIONS DESTINES A MODULER L'INTEGRITE DE LA BARRIERE HEMATO-ENCEPHALIQUE ET LA REMYELINISATION**
[72] MONNIER, PHILIPPE PATRICK, CA
[72] TASSEW, NARDOS G., CA
[72] BAGLAENKO, YURIY, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2019-03-21
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[30] US (62/222,697) 2015-09-23
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[25] EN
[54] **COMPACT CONTINUOUS ANNEALING SOLUTION HEAT TREATMENT**
[54] **TRAITEMENT THERMIQUE COMPACT DE SOLUTION DE RECUIT EN CONTINU**
[72] GAENSBAUER, DAVID ANTHONY, US
[72] CUSTERS, DAVID MICHAEL, CA
[72] KOSMICKI, MICHAEL, US
[72] EDDIE, CURTIS, US
[72] HOBBIS, ANDREW JAMES, US
[71] NOVELIS INC., US
[85] 2019-03-20
[86] 2017-09-27 (PCT/US2017/053826)
[87] (WO2018/064228)
[30] US (62/400,426) 2016-09-27
[30] US (62/505,948) 2017-05-14

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[51] **Int.Cl. A63B 21/06 (2006.01) A63B 21/072 (2006.01)**
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[54] **BAR-BELL DESIGN WITH ROTATABLE HAND GRIPS**
[54] **CONCEPTION D'HALTERE A POIGNEES ROTATIVES**
[72] LIGHT, SEAN, CA
[72] LIGHT, FRED, CA
[71] BODYROCKTV INC., CA
[85] 2019-03-21
[86] 2017-07-28 (PCT/CA2017/050911)
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[30] US (62/367,921) 2016-07-28

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[51] **Int.Cl. C04B 35/565 (2006.01) C04B 35/81 (2006.01) C23C 16/48 (2006.01) G21C 3/18 (2006.01) G21C 3/20 (2006.01)**
[25] EN
[54] **MULTI-COMPOSITION FIBER WITH REFRACTORY ADDITIVE(S) AND METHOD OF MAKING**
[54] **FIBRE MULTI-COMPOSITION A ADDITIF(S) REFRACTAIRE(S) ET SON PROCEDE DE FABRICATION**
[72] HARRISON, SHAY L., US
[72] PEGNA, JOSEPH, US
[72] VAALER, ERIK G., US
[72] SCHNEITER, JOHN L., US
[72] GODUGUCHINTA, RAM K., US
[72] WILLIAMS, KIRK L., US
[71] FREE FORM FIBERS, LLC, US
[85] 2019-03-20
[86] 2017-09-28 (PCT/US2017/053890)
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[30] US (62/400,709) 2016-09-28

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[25] EN
[54] **FLOW CONTROL VALVE AND HYDRONIC SYSTEM**
[54] **VANNE DE REGULATION DE DEBIT ET SYSTEME HYDRONIQUE**
[72] RUTHERFORD, ROBERT G., CA
[72] BROWNE, WILLIAM J., CA
[71] CGC GROUP OF COMPANIES INCORPORATED, CA
[85] 2019-03-21
[86] 2017-09-21 (PCT/CA2017/051112)
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[30] US (62/397,701) 2016-09-21

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[51] **Int.Cl. B28C 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING CONCRETE**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE BETON**
[72] BAUER, WALTER J., CA
[71] EBED HOLDINGS INC., CA
[85] 2019-03-21
[86] 2017-09-28 (PCT/CA2017/051143)
[87] (WO2018/058242)
[30] US (62/400,918) 2016-09-28
[30] US (62/488,133) 2017-04-21

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[51] **Int.Cl. C12Q 1/00 (2006.01) C12Q 1/37 (2006.01) C12Q 1/48 (2006.01) C12Q 1/68 (2018.01) G01N 33/53 (2006.01) G01N 33/573 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR NONINVASIVE DETECTION OF ORGAN TRANSPLANT REJECTION**
[54] **METHODES ET COMPOSITIONS PERMETTANT LA DETECTION NON INVASIVE DES REJETS DE GREFFES D'ORGANES**
[72] KWONG, GABRIEL A., US
[72] ADAMS, ANDREW B., US
[72] MAC, QUOC, US
[72] MATHEWS, DAVID V., US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[71] EMORY UNIVERSITY, US
[85] 2019-03-20
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[87] (WO2018/064383)
[30] US (62/400,656) 2016-09-28

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[51] **Int.Cl. C07C 45/81 (2006.01) C07C 49/76 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFICATION OF 4-HYDROXYACETOPHENONE**
[54] **PROCEDE DE PURIFICATION DE 4-HYDROXYACETOPHENONE**
[72] PILLAI, RAVIKUMAR, US
[72] SIEGEL, SVEN, DE
[72] SUESS, EV, DE
[72] BOLTE, KAROLIN, DE
[72] LIUXIN, YAN, CN
[71] SYMRISE AG, DE
[71] SINO-HIGH (CHINA) CO. LTD., CN
[85] 2019-03-21
[86] 2017-04-21 (PCT/EP2017/059489)
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[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES THAT EXHIBIT CONSUMER RELEVANT PROPERTIES**
[54] **ARTICLES CONTENANT DES STRUCTURES FIBREUSES DOTES DE PROPRIETES PERTINENTES POUR LES CONSOMMATEURS**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] DENBOW, JAMES ROY, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-20
[86] 2017-10-17 (PCT/US2017/056978)
[87] (WO2018/075516)
[30] US (62/409,202) 2016-10-17

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[13] A1
[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES THAT EXHIBIT CONSUMER RELEVANT PROPERTIES**
[54] **ARTICLES CONTENANT DES STRUCTURES FIBREUSES DOTES DE PROPRIETES PERTINENTES POUR LES CONSOMMATEURS**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] DENBOW, JAMES ROY, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-20
[86] 2017-10-17 (PCT/US2017/056979)
[87] (WO2018/075517)
[30] US (62/409,202) 2016-10-17

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[13] A1
[51] **Int.Cl. A61K 38/46 (2006.01) A61K 31/26 (2006.01) A61P 1/00 (2006.01) C07C 331/30 (2006.01) C12N 9/14 (2006.01) C12Q 1/02 (2006.01) C12Q 1/34 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **TREATMENT OF INFLAMMATORY BOWEL DISEASE WITH NUCLEOSIDE TRIPHOSPHATE DISPHOSHOHYDROLASE, P2Y2 ANTAGONIST AND/OR P2Y6 ANTAGONIST**
[54] **TRAITEMENT DE LA MALADIE INFLAMMATOIRE DE L'INTESTIN AVEC UNE NUCLEOSIDE TRIPHOSPHATE DISPHOSPHOHYDROLASE, UN ANTAGONISTE DE P2Y2 ET/OU UN ANTAGONISTE DE P2Y6**
[72] SEVIGNY, JEAN, CA
[72] SALEM, MABROUKA, CA
[71] UNIVERSITE LAVAL, CA
[85] 2019-03-21
[86] 2017-09-29 (PCT/CA2017/051150)
[87] (WO2018/058246)
[30] US (62/402,045) 2016-09-30

[21] **3,037,780**
[13] A1
[51] **Int.Cl. A61G 7/08 (2006.01) A61H 1/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CONVERTING A BED, IN PARTICULAR A CARE BED, SICK BED, HOSPITAL BED, OR INTENSIVE-CARE BED, FROM A HORIZONTAL POSITION INTO AN INCLINED POSITION WITH RESPECT TO THE LONGITUDINAL SIDES OF THE BED**
[54] **DISPOSITIF POUR FAIRE PASSER UN LIT, EN PARTICULIER UN LIT DE SOINS, LIT POUR MALADES, LIT D'HOPITAL OU LIT DE SOINS INTENSIFS, D'UNE POSITION HORIZONTALE RELATIVEMENT A SES GRANDS COTES, A UNE POSITION INCLINEE**
[72] KONIG, ALEXANDER, DE
[72] SPIEGEL, SIMON, DE
[71] REACTIVE ROBOTICS GMBH, DE
[85] 2019-03-21
[86] 2017-08-10 (PCT/EP2017/070327)
[87] (WO2018/036835)
[30] DE (10 2016 115 982.4) 2016-08-26

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[13] A1
[51] **Int.Cl. A61B 17/11 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **ABSORBABLE AND UNIDIRECTIONALLY COMPRESSIBLE INTESTINE-INTESTINE STAPLER**
[54] **AGRAFEUSE POUR ANASTOMOSE D'INTESTIN RESORBABLE ET COMPRESSIBLE DE MANIERE UNIDIRECTIONNELLE**
[72] CAI, XIUJUN, CN
[72] CHEN, MINGYU, CN
[72] LU, CHEN, CN
[72] WANG, YIFAN, CN
[72] HUANG, DIYU, CN
[72] ZHU, HEPAN, CN
[72] ZHU, YIBIN, CN
[72] ZHANG, BIN, CN
[71] ZHEJIANG UNIVERSITY, CN
[85] 2019-03-21
[86] 2017-07-17 (PCT/CN2017/093163)
[87] (WO2018/059084)
[30] CN (201610863689.X) 2016-09-29

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[13] A1
[51] **Int.Cl. C12C 7/04 (2006.01) C12C 7/00 (2006.01) C12G 3/00 (2019.01) C13K 1/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING AN ALCOHOLIC BEVERAGE**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UNE BOISSON ALCOOLISEE**
[72] BAUER, WALTER J., CA
[71] EBED HOLDINGS INC., CA
[85] 2019-03-21
[86] 2017-09-28 (PCT/CA2017/051146)
[87] (WO2018/058243)
[30] US (62/400,905) 2016-09-28

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[13] A1
[51] **Int.Cl. A61B 5/021 (2006.01) A61B 5/022 (2006.01)**
[25] EN
[54] **BLOOD PRESSURE SIGNAL ACQUISITION USING A PRESSURE SENSOR ARRAY**
[54] **ACQUISITION DE SIGNAL DE PRESSION ARTERIELLE AU MOYEN D'UN RESEAU DE CAPTEURS DE PRESSION**
[72] TAL, NIR EFRAIM JOSEPH, IL
[72] BENTZION, TOMER, IL
[71] LIVEMETRIC (MEDICAL) S.A., LU
[85] 2019-03-20
[86] 2017-10-25 (PCT/US2017/058197)
[87] (WO2018/081208)
[30] US (62/415,003) 2016-10-31
[30] US (15/401,432) 2017-01-09

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[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) B29C 64/141 (2017.01) B29C 64/159 (2017.01) B29C 64/205 (2017.01) B22F 3/105 (2006.01) B28B 1/00 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01)**
[25] FR
[54] **DEVICE AND METHOD FOR MANIPULATING PARTICLES**
[54] **DISPOSITIF ET METHODE POUR MANIPULER DES PARTICULES**
[72] BEDORET, ALEXIS, BE
[72] HICK, MATTHIAS, BE
[72] ECKES, KEVIN, BE
[71] AEROSINT SA, BE
[85] 2019-03-21
[86] 2017-08-21 (PCT/EP2017/071039)
[87] (WO2018/059833)
[30] BE (BE2016/5725) 2016-09-29

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) B63B 35/44 (2006.01) E21B 7/12 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **A DRILLING OR WORK-OVER RIG COMPRISING AN OPERATIONAL CONTROL AND/OR STATE UNIT AND A COMPUTER-IMPLEMENTED METHOD OF PROVIDING OPERATIONAL CONTROL AND/OR STATE**
[54] **APPAREIL DE FORAGE OU DE RECONDITIONNEMENT COMPRENANT UNE UNITE DE COMMANDE OPERATIONNELLE ET/OU D'ETAT ET UN PROCEDE DE FOURNITURE DE COMMANDE OPERATIONNELLE ET/OU D'ETAT MIS EN□UVRE PAR ORDINATEUR**
[72] PEDERSEN, JOHN ROHN, DK
[72] HOLCK, JESPER, DK
[71] MAERSK DRILLING A/S, DK
[85] 2019-03-21
[86] 2016-09-26 (PCT/DK2016/000034)
[87] (WO2017/050335)
[30] GB (GB1516948.5) 2015-09-24

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[51] **Int.Cl. B65B 57/04 (2006.01) B65B 5/10 (2006.01) B65B 5/12 (2006.01) B65B 57/06 (2006.01) B65B 57/14 (2006.01) B25J 9/16 (2006.01)**
[25] FR
[54] **PROCEDE DE CHARGEMEMENT AUTOMATISE D'UNE CAISSE AVEC DES OBJETS AU MOYEN D'UN ROBOT PREHENSEUR**
[54] **METHOD FOR THE AUTOMATED FILLING OF A BIN WITH OBJECTS BY MEANS OF A ROBOT HAND**
[72] GROSBOIS, JEROME, FR
[71] GROSBOIS, JEROME, FR
[85] 2019-03-21
[86] 2017-09-18 (PCT/EP2017/073386)
[87] (WO2018/059977)
[30] FR (1659191) 2016-09-28
[30] FR (1659192) 2016-09-28

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[13] A1
[51] **Int.Cl. G01M 5/00 (2006.01) G01P 15/00 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS, AND SENSOR MODULES FOR USE IN MONITORING THE STRUCTURAL HEALTH OF STRUCTURES**
[54] **DISPOSITIFS, SYSTEMES, PROCEDES ET MODULES DE DETECTION DESTINES A ETRE UTILISES DANS LA SURVEILLANCE DE LA SANTE STRUCTURALE DE STRUCTURES**
[72] LOCHRY, JAMES C., US
[72] COWELL, PAUL L., US
[71] HEURISTIC ACTIONS, INC., US
[85] 2019-03-20
[86] 2017-11-03 (PCT/US2017/059836)
[87] (WO2018/132154)
[30] US (62/423,729) 2016-11-17

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[13] A1
[51] **Int.Cl. C07F 9/6558 (2006.01) A61K 31/675 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS**
[54] **FORMES CRISTALLINES**
[72] LEUENBERGER, DANIEL, CH
[72] REBER, STEFAN, CH
[72] VON RAUMER, MARKUS, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2019-03-21
[86] 2017-09-21 (PCT/EP2017/073858)
[87] (WO2018/055016)
[30] EP (PCT/EP2016/072562) 2016-09-22

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[13] A1
[51] **Int.Cl. C09D 167/06 (2006.01)**
[25] EN
[54] **THERMOSETTING POWDER COATING COMPOSITIONS HAVING LOWER CHALK-FREE TEMPERATURE**
[54] **COMPOSITIONS DE REVETEMENT EN POUDRE THERMODURCISSABLE A TEMPERATURE SANS CRAIE PLUS BASSE**
[72] BONGAERTS, JOHANNES GERTRUDIS CHRISTIANUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2019-03-21
[86] 2017-09-27 (PCT/EP2017/074550)
[87] (WO2018/060286)
[30] EP (16191175.5) 2016-09-28
[30] EP (16191173.0) 2016-09-28
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[13] A1
[51] **Int.Cl. B65D 25/48 (2006.01) B44D 3/12 (2006.01) B65D 25/50 (2006.01)**
[25] EN
[54] **A RETRACTABLE SPOUT FOR A FLOWABLE SUBSTANCE CONTAINER**
[54] **BEC VERSEUR RETRACTABLE POUR RECIPIENT DE SUBSTANCE FLUIDE**
[72] QUINN, JOHN, IE
[71] QUINN, JOHN, IE
[85] 2019-03-21
[86] 2017-09-28 (PCT/EP2017/074634)
[87] (WO2018/060335)
[30] GB (1616494.9) 2016-09-28

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[13] A1
[51] **Int.Cl. G01N 21/62 (2006.01) G01J 3/28 (2006.01) G01N 21/63 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR IMAGING BIOMOLECULES**
[54] **DISPOSITIFS ET PROCEDES D'IMAGERIE DE BIOMOLECULES**
[72] CHE, DIPING, US
[72] ZHANG, ZHEFU, CN
[71] AZURE BIOSYSTEMS, INC., US
[85] 2019-03-20
[86] 2018-01-26 (PCT/US2018/015342)
[87] (WO2018/140661)
[30] US (62/450,699) 2017-01-26
[30] US (15/880,531) 2018-01-26

[21] **3,037,800**
[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A23L 33/185 (2016.01) A61K 36/48 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07K 16/16 (2006.01)**
[25] EN
[54] **THERAPEUTIC PROTEIN**
[54] **PROTEINE THERAPEUTIQUE**
[72] LIMA, ANA ISABEL GUSMAO, PT
[72] GUERREIRO, JOANA PATRICIA MOTA, PT
[72] FERREIRA, RICARDO MANUEL DE SEIXAS BOAVIDA, PT
[71] INSTITUTO SUPERIOR DE AGRONOMIA, PT
[85] 2019-03-21
[86] 2017-10-02 (PCT/EP2017/075020)
[87] (WO2018/060528)
[30] GB (1616715.7) 2016-09-30
[30] PT (109645) 2016-09-30

[21] **3,037,802**
[13] A1
[51] **Int.Cl. C04B 35/48 (2006.01) C01B 3/32 (2006.01) C04B 41/87 (2006.01)**
[25] EN
[54] **COMBUSTION CHAMBER HOT FACE REFRACTORY LINING**
[54] **REVETEMENT REFRACTAIRE DE FACE CHAUDE DE CHAMBRE DE COMBUSTION**
[72] LARSEN, JOHANNES RUBEN, DK
[72] BRUNK, FRED, DE
[72] CHRISTENSEN, THOMAS SANDAHL, DK
[72] THOMSEN, SOREN GYDE, DK
[71] HALDOR TOPSOE A/S, DK
[71] P-D REFRACTORIES GMBH, DE
[85] 2019-03-21
[86] 2017-10-09 (PCT/EP2017/075641)
[87] (WO2018/065621)
[30] DK (PA 2016 00605) 2016-10-07

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[13] A1
[51] **Int.Cl. C07D 257/02 (2006.01) A61K 49/10 (2006.01)**
[25] EN
[54] **DIMERIC CONTRAST AGENTS**
[54] **AGENTS DE CONTRASTE DIMERIQUES**
[72] BOI, VALERIA, IT
[72] NAPOLITANO, ROBERTA, IT
[72] LATTUADA, LUCIANO, IT
[72] GIOVENZANA, GIOVANNI BATTISTA, IT
[71] BRACCO IMAGING SPA, IT
[85] 2019-03-21
[86] 2017-12-11 (PCT/EP2017/082153)
[87] (WO2018/108780)
[30] EP (PCT/EP2016/080621) 2016-12-12
[30] EP (17174473.3) 2017-06-06

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[13] A1
[51] **Int.Cl. F24B 1/26 (2006.01) F24B 5/02 (2006.01) F24B 13/00 (2006.01)**
[25] EN
[54] **HEATING APPLIANCE**
[54] **APPAREIL DE CHAUFFAGE**
[72] THOMAS, SAMUEL HAYDN ANDREW, GB
[71] HESTIA CONCEPTS LTD., GB
[85] 2019-03-21
[86] 2017-08-25 (PCT/GB2017/052498)
[87] (WO2018/055327)
[30] GB (1616149.9) 2016-09-22

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[13] A1
[51] **Int.Cl. G06T 7/55 (2017.01) G06T 7/579 (2017.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR CREATING A VIRTUAL 3D MODEL**
[54] **PROCEDE ET SYSTEME DE CREATION D'UN MODELE 3D VIRTUEL**
[72] ONDRUSKA, PETER, GB
[72] PLATINSKY, LUKAS, GB
[71] BLUE VISION LABS UK LIMITED, GB
[85] 2019-03-21
[86] 2017-09-20 (PCT/GB2017/052789)
[87] (WO2018/055354)
[30] US (15/274,898) 2016-09-23

[21] **3,037,806**
[13] A1
[51] **Int.Cl. A23K 50/40 (2016.01) A23K 20/147 (2016.01) A23K 20/158 (2016.01) A23K 50/42 (2016.01)**
[25] EN
[54] **COMPACT NUTRIENT DENSE FREEZE-DRIED PET FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE COMPACT LYOPHILISE ET DENSE EN NUTRIMENTS POUR ANIMAL DE COMPAGNIE**
[72] GALOVSKI, JAMES, US
[72] YAMKA, RYAN, US
[71] GUARDIAN PET FOOD COMPANY, US
[85] 2019-03-20
[86] 2018-08-24 (PCT/US2018/047854)
[87] (WO2019/040814)
[30] US (62/550,051) 2017-08-25
[30] US (15/858,642) 2017-12-29

[21] **3,037,808**
[13] A1
[51] **Int.Cl. A61K 47/10 (2017.01) A61J 1/00 (2006.01) A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **HIGH-STABILITY PACKAGED SOLUTIONS OF T4 THYROID HORMONE**
[54] **SOLUTIONS CONDITIONNEES A STABILITE ELEVEE D'HORMONE THYROIDIENNE T4**
[72] FOSSATI, TIZIANO, CH
[72] BELLORINI, LORENZO, CH
[72] PIZZUTTI, MARCO, CH
[71] ALTERGON SA, CH
[85] 2019-03-21
[86] 2017-10-17 (PCT/EP2017/076412)
[87] (WO2018/073209)
[30] EP (16194294.1) 2016-10-18

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[13] A1
[51] **Int.Cl. F21V 33/00 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE AND KIT**
[54] **DISPOSITIF D'ECLAIRAGE ET NECESSAIRE**
[72] WALKER, REBECCA GAYE, US
[72] LOTT, ROBERT MCCAUSLAND, US
[71] WALKER, REBECCA GAYE, US
[71] LOTT, ROBERT MCCAUSLAND, US
[85] 2019-03-20
[86] 2017-09-28 (PCT/US2017/054123)
[87] (WO2018/067378)
[30] US (15/284,133) 2016-10-03

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[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 31/137 (2006.01) A61K 47/14 (2017.01)**
[25] EN
[54] **STABLE FORMULATION FOR PARENTERAL ADMINISTRATION OF TAPENTADOL**
[54] **FORMULATION STABLE POUR L'ADMINISTRATION PARENTERALE DE TAPENTADOL**
[72] ELLERMANN, ANGELIKA, DE
[72] REINHOLD, ULRICH, DE
[72] BERTRAM, ULRIKE, DE
[71] GRUNENTHAL GMBH, DE
[85] 2019-03-21
[86] 2017-09-22 (PCT/EP2017/073983)
[87] (WO2018/055070)
[30] EP (16190255.6) 2016-09-23

[21] **3,037,811**
[13] A1
[51] **Int.Cl. A01D 41/14 (2006.01)**
[25] EN
[54] **HEADER FLOAT AND SKIN PLATE ADJUSTMENT**
[54] **FLOTTEUR DE COLLECTEUR ET REGLAGE DE PLAQUE DE PATIN**
[72] HAMILTON, KEVIN J., US
[72] FIGGER, ROBERT L., US
[71] AGCO CORPORATION, US
[85] 2019-03-21
[86] 2017-10-25 (PCT/IB2017/001291)
[87] (WO2018/091958)
[30] US (62/423,380) 2016-11-17

[21] **3,037,812**
[13] A1
[51] **Int.Cl. E06B 3/673 (2006.01) E06B 3/66 (2006.01) E06B 3/663 (2006.01) E06B 3/667 (2006.01) E06B 3/67 (2006.01)**
[25] EN
[54] **TACTILE SPACER FRAME ASSEMBLY AND LOCKING MEMBER**
[54] **ENSEMBLE CADRE ESPACEUR TACTILE ET ELEMENT DE VERROUILLAGE**
[72] BRIESE, WILLIAM, US
[72] WEBER, CLIFFORD J., US
[72] GRISMER, JOHN, US
[71] GED INTEGRATED SOLUTIONS, INC., US
[85] 2019-03-20
[86] 2017-09-29 (PCT/US2017/054396)
[87] (WO2018/064522)
[30] US (62/402,312) 2016-09-30

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[13] A1
[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE DEVICE FOR SENSING INTRAVASCULAR PRESSURE**
[54] **DISPOSITIF IMPLANTABLE PERMETTANT DE DETECTER UNE PRESSION INTRAVASCULAIRE**
[72] BAHMANYAR, MOHAMMAD REZA, GB
[72] MCLEOD, CHRISTOPHER NEIL, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2019-03-21
[86] 2017-11-02 (PCT/GB2017/053313)
[87] (WO2018/083486)
[30] GB (1618508.4) 2016-11-02

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[13] A1
[51] **Int.Cl. B22F 9/10 (2006.01) B22F 9/04 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR FORMING POWDER**
[54] **APPAREIL ET PROCEDE DE FORMATION D'UNE POUDRE**
[72] BUDGE, DAVID, AU
[72] HENRY, JOHN NATHAN, AU
[71] AURORA LABS LIMITED, AU
[85] 2019-03-21
[86] 2017-09-21 (PCT/AU2017/000202)
[87] (WO2018/053572)
[30] AU (2016903874) 2016-09-23
[30] AU (2017902152) 2017-06-06

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[13] A1
[51] **Int.Cl. B29C 49/64 (2006.01) B29C 45/42 (2006.01) B29C 45/72 (2006.01)**
[25] EN
[54] **APPARATUS FOR COOLING AND HANDLING PREFORMS IN PLASTIC MATERIAL**
[54] **APPAREIL DE REFROIDISSEMENT ET DE MANIPULATION DE PREFORMES EN MATIERE PLASTIQUE**
[72] ZOPPAS, MATTEO, IT
[72] CORAN, MASSIMO, IT
[72] FRARE, MARCO, IT
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT
[85] 2019-03-21
[86] 2017-09-22 (PCT/EP2017/074143)
[87] (WO2018/055142)
[30] IT (102016000095904) 2016-09-23

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[13] A1
[51] **Int.Cl. A01G 3/08 (2006.01) B25F 3/00 (2006.01) B25F 5/02 (2006.01) B27B 17/00 (2006.01)**
[25] EN
[54] **SPLIT POWER TOOL**
[54] **OUTIL ELECTRIQUE DEMONTABLE**
[72] HARRIS, BRECK, US
[71] MTD PRODUCTS INC, US
[85] 2019-03-20
[86] 2017-09-29 (PCT/US2017/054401)
[87] (WO2018/064526)
[30] US (62/401,556) 2016-09-29

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[13] A1
[51] **Int.Cl. A61H 21/00 (2006.01) A61B 10/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ADAPTIVE TREATMENT OF DISORDERS IN THE GASTROINTESTINAL TRACT**
[54] **PROCEDES ET SYSTEMES POUR TRAITEMENT ADAPTATIF DE TROUBLES DANS LE TRACTUS GASTRO-INTESTINAL**
[72] BEN-TSUR, LIOR, IL
[72] MOLNAR, SHAI, IL
[72] SHABAT, RONI, IL
[72] LAMPERT, SHALOM, IL
[71] VIBRANT LTD., IL
[85] 2019-03-21
[86] 2017-09-14 (PCT/IB2017/055565)
[87] (WO2018/055487)
[30] GB (1616044.2) 2016-09-21
[30] CN (2017210463282) 2017-08-21

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[51] **Int.Cl. B30B 5/06 (2006.01) B27N 3/24 (2006.01)**
[25] EN
[54] **WOOD MATERIAL PANEL PRESSING DEVICE AND METHOD FOR OPERATING A WOOD MATERIAL PANEL PRESSING DEVICE**
[54] **DISPOSITIF DE PRESSAGE DE PANNEAUX EN MATERIAUX DERIVES DU BOIS ET PROCEDE DE SURVEILLANCE D'UN DISPOSITIF DE PRESSAGE DE PANNEAUX EN MATERIAUX DERIVES DU BOIS**
[72] SPERLICH, DANIEL, DE
[71] SWISS KRONO TEC AG, CH
[85] 2019-03-21
[86] 2017-09-26 (PCT/EP2017/074374)
[87] (WO2018/065262)
[30] EP (16192631.6) 2016-10-06

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[25] EN
[54] **THERMOSETTING POWDER COATING COMPOSITIONS COMPRISING PEROXYDICARBONATES**
[54] **COMPOSITIONS DE REVETEMENT EN POUDRE THERMODURCISSABLE COMPRENANT DES PEROXYDICARBONATES**
[72] BONGAERTS, JOHANNES GERTRUDIS CHRISTIANUS, NL
[72] POPESCU, DRAGOS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2019-03-21
[86] 2017-09-27 (PCT/EP2017/074534)
[87] (WO2018/060272)
[30] EP (16191173.0) 2016-09-28
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[25] EN
[54] **THERMOSETTING POWDER COATING COMPOSITIONS COMPRISING DILAUROYL PEROXIDE**
[54] **COMPOSITIONS DE REVETEMENT EN POUDRE THERMODURCISSABLE COMPRENANT DU PEROXYDE DE DILAUROYLE**
[72] BONGAERTS, JOHANNES GERTRUDIS CHRISTIANUS, NL
[72] POPESCU, DRAGOS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2019-03-21
[86] 2017-09-27 (PCT/EP2017/074539)
[87] (WO2018/060276)
[30] EP (16191174.8) 2016-09-28
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[51] **Int.Cl. A61B 5/0476 (2006.01) C08J 3/075 (2006.01)**
[25] EN
[54] **INJECTABLE HYDROGEL-FORMING POLYMER SOLUTION FOR A RELIABLE EEG MONITORING AND EASY SCALP CLEANING**
[54] **SOLUTION DE POLYMERE INJECTABLE FORMANT UN HYDROGEL POUR UNE SURVEILLANCE D'EEG FIABLE ET UN NETTOYAGE AISE DU CUIR CHEVELU**
[72] MAGALHAES DUQUE DA FONSECA, JOSE CARLOS, PT
[72] TEIXEIRA BATISTA PEDROSA, PAULO EDUARDO, PT
[72] FIEDLER, PATRIQUE, DE
[72] OLIVEIRA MARTINS, ANA CRISTINA, PT
[72] HAUEISEN, JANS, DE
[71] UNIVERSIDADE DO PORTO, PT
[71] TECHNISCHE UNIVERSITAT ILMENAU, DE
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[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01) A61M 15/06 (2006.01) A61K 31/465 (2006.01)**
[25] EN
[54] **INHALER WITH SIZED CAVITY**
[54] **INHALATEUR A CAVITE DIMENSIONNEE**
[72] ZUBER, GERARD, CH
[72] WALLER, JUDITH, SE
[72] CAMPITELLI, GENNARO, IT
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2019-03-21
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[51] **Int.Cl. A61K 49/00 (2006.01)**
[25] EN
[54] **CONTRAST MIXTURE AND USE THEREOF**
[54] **MELANGE DE CONTRASTE ET SON UTILISATION**
[72] JAKABCINOVA, ANDREA, SK
[72] ULICNA, CSILLA, SK
[72] PUCATOVA, MARTA, SK
[72] JAKABCIN, PATRIK, SK
[72] ULICNY, JOZEF, SK
[71] UNIVERZITA PAVLA JOZEFA □AFARIKA V KO□ICIACH, SK
[71] JAKABCINOVA, ANDREA, SK
[71] ULICNA, CSILLA, SK
[85] 2019-03-21
[86] 2017-10-05 (PCT/IB2017/056150)
[87] (WO2018/065934)
[30] SK (PP50064-2016) 2016-10-06
[30] SK (PUV50107-2016) 2016-10-06

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[51] **Int.Cl. B01D 39/16 (2006.01) B01D 17/02 (2006.01) B01D 41/00 (2006.01) B01J 20/28 (2006.01) B01J 20/34 (2006.01) C02F 1/28 (2006.01) C02F 1/40 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **RECOVERY OF CRUDE OIL FROM A CRUDE OIL ADSORBENT AND SIMULTANEOUS REGENERATON OF THE ADSORBENT**
[54] **RECUPERATION DE PETROLE BRUT A PARTIR D'UN ADSORBANT DE PETROLE BRUT ET REGENERATION SIMULTANEE DE L'ADSORBANT**
[72] ALAYANDE, SAMSON OLUWAGBEMIGA, NG
[72] DARE, ENOCK OLUGBENGA, NG
[72] AKINLABI, AKINOLA KEHINDE, NG
[72] AIYEDUN, PETER OLAITAN, NG
[72] MSAGATI, TITUS A. M., ZA
[71] UNIVERSITY OF SOUTH AFRICA, ZA
[85] 2019-03-21
[86] 2017-09-22 (PCT/IB2017/055766)
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[30] ZA (2016/06582) 2016-09-23

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **FLAVOR INHALER**
[54] **INHALATEUR D'AROME**
[72] NAKANO, TAKUMA, JP
[71] JAPAN TOBACCO INC., JP
[85] 2019-03-21
[86] 2017-09-20 (PCT/JP2017/033889)
[87] (WO2018/056300)
[30] JP (PCT/JP2016/078258) 2016-09-26

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[51] **Int.Cl. G06F 9/44 (2018.01) G06F 9/38 (2018.01) G06F 9/445 (2018.01)**
[25] EN
[54] **MOBILE SERVICE APPLICATIONS**
[54] **APPLICATIONS DE SERVICE MOBILES**
[72] BURTON, MICHAEL, US
[72] GHIASSY, SHAHEEN, US
[72] PITEA, ANDREI, IE
[72] GEITGEY, ADAM, US
[72] KREMS, JAN, US
[72] BEARD, DANIEL, US
[72] MULLENDER, MATTHIJS, US
[72] BRAHM-SMART, LUIS FELIPE, US
[71] GROUPON, INC., US
[85] 2019-03-21
[86] 2017-09-22 (PCT/IB2017/055785)
[87] (WO2018/055580)
[30] US (62/398,106) 2016-09-22
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[51] **Int.Cl. D04H 1/4234 (2012.01)**
[25] EN
[54] **METAL FIBER NONWOVEN FABRIC**
[54] **TISSU NON TISSE EN FIBRES METALLIQUES**
[72] INOUE, TATSUNARI, JP
[72] MORIUCHI, HIDEKI, JP
[72] KURAHARA, TAKU, JP
[72] MURAMATSU, DAISUKE, JP
[71] TOMOEGAWA CO., LTD., JP
[85] 2019-03-21
[86] 2018-01-11 (PCT/JP2018/000506)
[87] (WO2018/131658)
[30] JP (2017-004802) 2017-01-16

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[51] **Int.Cl. B60K 7/00 (2006.01) B60L 15/20 (2006.01) F16D 41/06 (2006.01) F16H 19/04 (2006.01)**
[25] EN
[54] **RACE CAR FOR PERFORMING NON-POWERED DRIVING BY USING GRAVITY AND MOMENTARY ACCELERATION BY USING POWER UNIT**
[54] **VOITURE DE COURSE POUR EFFECTUER UNE CONDUITE NON ALIMENTEE EN UTILISANT LA GRAVITE ET L'ACCELERATION MOMENTANEE AU MOYEN D'UNE UNITE D'ALIMENTATION**
[72] CHOI, JI WOONG, KR
[72] KIM, JONG SEOK, KR
[72] JUNG, JAE WOONG, KR
[71] MONOLITH INC., KR
[85] 2019-03-21
[86] 2017-08-14 (PCT/KR2017/008820)
[87] (WO2018/062682)
[30] KR (10-2016-0123732) 2016-09-27

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[51] **Int.Cl. A61K 31/155 (2006.01) A61K 31/7028 (2006.01) C12Q 1/68 (2018.01) G01N 33/53 (2006.01)**
[25] EN
[54] **MIBG ANALOGS AND USES THEREOF**
[54] **ANALOGUES DE MIBG ET LEURS UTILISATIONS**
[72] BARANOWSKA-KORTYLEWICZ, JANINA, US
[72] KORTYLEWICZ, ZBIGNIEW P., US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2019-03-21
[86] 2016-09-23 (PCT/US2016/053497)
[87] (WO2017/053834)
[30] US (62/232,491) 2015-09-25

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[51] **Int.Cl. A61K 31/4741 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **COMBINED COMPOSITION FOR PREVENTING OR TREATING CANCER COMPRISING A BENZOPHENONE THIAZOLE DERIVATIVES AS A VDA AND TOPOISOMERASE INHIBITOR**
[54] **COMPOSITION COMBINEE POUR LA PREVENTION OU LE TRAITEMENT DU CANCER COMPRENANT DES DERIVES DE BENZOPHENONE THIAZOLE EN TANT QUE VDA ET UN INHIBITEUR DE TOPO-ISOMERASE**
[72] KIM, SOO JIN, KR
[72] KIM, YOUNG SANG, KR
[72] KIM, MINCHAE, KR
[72] PARK, YOUNG-WHAN, KR
[72] KIM, JUNG-YONG, KR
[72] KIM, IN CHULL, KR
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[71] NATIONAL CANCER CENTER, KR
[85] 2019-03-21
[86] 2017-09-08 (PCT/KR2017/009889)
[87] (WO2018/056620)
[30] US (62/400,054) 2016-09-26
[30] US (15/447,247) 2017-03-02

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[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 43/17 (2006.01) E21B 43/26 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **WIRELESS ACTIVATION OF WELLBORE COMPLETION ASSEMBLIES**
[54] **ACTIVATION SANS FIL D'ENSEMBLES DE CONDITIONNEMENT DE PUITS DE FORAGE**
[72] MERRON, MATTHEW JAMES, US
[72] WALTON, ZACHARY WILLIAM, US
[72] FRIPP, MICHAEL LINLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-21
[86] 2016-10-31 (PCT/US2016/059641)
[87] (WO2018/080529)

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[51] **Int.Cl. H04W 56/00 (2009.01) H04W 84/12 (2009.01) H04W 52/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **SYNCHRONIZATION BETWEEN LOW ENERGY END POINT DEVICES AND PARENT DEVICES IN A TIME SLOTTED CHANNEL HOPPING NETWORK**
[54] **SYNCHRONISATION ENTRE DISPOSITIFS DE POINTS D'EXTREMITE BASSE ENERGIE ET DISPOSITIFS PARENTS DANS UN RESEAU DE SAUT DE CANAL A CRENEAUX TEMPORELS**
[72] PRAKASH, VIDYA, US
[72] JAIN, SAURABH, IN
[72] HETT, CHRISTOPHER SCOTT, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2019-03-20
[86] 2017-10-05 (PCT/US2017/055281)
[87] (WO2018/071261)
[30] US (15/291,690) 2016-10-12

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[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/56 (2006.01) C09K 8/62 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **ENHANCING PROPPANT PACK DISTRIBUTION IN PROPPED FRACTURES**
[54] **AMELIORATION DE LA DISTRIBUTION DE REMBLAIS D'AGENT DE SOUTENEMENT DANS DES FRACTURES SOUTENUES**
[72] NGUYEN, PHILIP D., US
[72] STEPHENS, WALTER T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-21
[86] 2016-11-02 (PCT/US2016/060057)
[87] (WO2018/084837)

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[13] A1
[51] **Int.Cl. A24D 3/04 (2006.01) A24D 3/06 (2006.01)**
[25] EN
[54] **FILTER ELEMENT FOR A SMOKING ARTICLE**
[54] **ELEMENT DE FILTRE POUR ARTICLE A FUMER**
[72] FUJITA, NORITOSHI, JP
[72] ONO, HIROYOSHI, LU
[72] KIDO, YUICHIRO, JP
[71] JT INTERNATIONAL S.A., CH
[85] 2019-03-21
[86] 2017-10-19 (PCT/EP2017/076694)
[87] (WO2018/077717)
[30] EP (16195275.9) 2016-10-24

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[13] A1
[51] **Int.Cl. A23J 1/12 (2006.01) C07H 1/06 (2006.01)**
[25] EN
[54] **CORN PROTEIN RETENTION DURING EXTRACTION**
[54] **RETENTION DE PROTEINE DE MAIS PENDANT L'EXTRACTION**
[72] FRANK, CHRISTOPHER LAWRENCE, US
[72] HUELSNITZ, CHRISTOPHER STEVEN, US
[72] MCCONVILLE, ERIKA LYN, US
[72] PORTER, MICHAEL A., US
[72] STEINBACH, ADAM JOHN, US
[72] ZHENG, GUO-HUA, US
[72] YEHIA, HADI, US
[71] CARGILL, INCORPORATED, US
[85] 2019-03-20
[86] 2017-10-06 (PCT/US2017/055498)
[87] (WO2018/058150)
[30] US (62/398,632) 2016-09-23

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[13] A1
[51] **Int.Cl. C07K 14/62 (2006.01) A61K 38/28 (2006.01) C07K 1/12 (2006.01) C07K 1/18 (2006.01) C07K 1/20 (2006.01) C12N 15/70 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **INSULIN ANALOGS WITH REDUCED AFFINITY TO INSULIN RECEPTOR AND USE THEREOF**
[54] **ANALOGUE D'INSULINE AYANT UNE FORCE DE LIAISON REDUITE AU RECEPTEUR D'INSULINE ET SON UTILISATION**
[72] CHOI, IN YOUNG, KR
[72] JUNG, SUNG YOUB, KR
[72] KORN, MARCUS, DE
[72] GUESSREGEN, STEFAN, DE
[72] TENNAGELS, NORBERT, DE
[71] HANMI PHARM. CO., LTD., KR
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2019-03-21
[86] 2017-09-22 (PCT/KR2017/010504)
[87] (WO2018/056764)
[30] KR (10-2016-0122484) 2016-09-23

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[13] A1
[51] **Int.Cl. B24D 18/00 (2006.01) C04B 37/00 (2006.01) C22C 26/00 (2006.01) E21B 10/567 (2006.01) F16C 33/04 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACT WITH INCREASED LEACHING SURFACE AREA AND METHOD OF LEACHING A POLYCRYSTALLINE DIAMOND COMPACT**
[54] **COMPRIME DE DIAMANT POLYCRISTALLIN PRESENTANT UNE SURFACE DE LIXIVIATION ACCRUE ET PROCEDE DE LIXIVIATION D'UN COMPRIME DE DIAMANT POLYCRISTALLIN**
[72] ATKINS, WILLIAM BRIAN, US
[72] SAINI, GAGAN, US
[72] COOK, GRANT O., III, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-21
[86] 2016-11-02 (PCT/US2016/060063)
[87] (WO2018/084839)

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[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 33/04 (2006.01)**
[25] EN
[54] **SUBSEA MODULE AND DOWNHOLE TOOL**
[54] **MODULE SOUS-MARIN ET OUTIL DE FOND DE TROU**
[72] BAY, LARS, US
[72] BUSSEAR, TERRY R., US
[71] AKER SOLUTIONS INC., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2019-03-20
[86] 2017-10-06 (PCT/US2017/055518)
[87] (WO2018/075267)
[30] US (15/331,191) 2016-10-21
[30] US (62/415,340) 2016-10-31
[30] NO (20170181) 2017-02-07

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[13] A1
[51] **Int.Cl. A61F 7/02 (2006.01) A61F 7/08 (2006.01) A61F 7/10 (2006.01)**
[25] EN
[54] **A THERMAL PACK THAT CONFORMS TO CURVED SURFACES**
[54] **EMBALLAGE THERMIQUE QUI EPOUSE LES CONTOURS DES SURFACES INCURVEES**
[72] WEINSTEIN, RANDY H., US
[71] WEINSTEIN, RANDY H., US
[85] 2019-03-21
[86] 2017-03-29 (PCT/US2017/024871)
[87] (WO2018/063441)
[30] US (15/280,988) 2016-09-29

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING ROTATING SURVEY ACCURACY**
[54] **SYSTEME ET PROCEDE VISANT A AMELIORER LA PRECISION DE SONDAGE ROTATIF**
[72] ZACHARKO, JONATHAN PETER, US
[72] RAJAGOPALAN, SATISH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-21
[86] 2016-12-15 (PCT/US2016/067017)
[87] (WO2018/111283)

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[13] A1
[51] **Int.Cl. A61K 47/60 (2017.01) A61P 35/00 (2006.01) C07H 15/207 (2006.01) C07H 15/26 (2006.01)**
[25] EN
[54] **HIGHLY POTENT MULTIMERIC E-SELECTIN ANTAGONISTS**
[54] **ANTAGONISTES DE E-SELECTINE MULTIMERIQUES TRES PUISSANTS**
[72] MAGNANI, JOHN L., US
[72] PETERSON, JOHN M., US
[72] BAEK, MYUNG-GI, US
[71] GLYCOMIMETICS, INC., US
[85] 2019-03-20
[86] 2017-10-06 (PCT/US2017/055648)
[87] (WO2018/068010)
[30] US (62/405,792) 2016-10-07
[30] US (62/451,415) 2017-01-27

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **TREATMENT WITH ANTI-KIR3DL2 AGENTS**
[54] **TRAITEMENT AVEC DES AGENTS ANTI-KIR3DL2**
[72] PATUREL, CARINE, FR
[72] SICARD, HELENE, FR
[71] INNATE PHARMA, FR
[85] 2019-03-21
[86] 2017-10-19 (PCT/EP2017/076751)
[87] (WO2018/073363)
[30] US (62/410,880) 2016-10-21

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[13] A1
[51] **Int.Cl. C09K 11/61 (2006.01)**
[25] EN
[54] **RED-EMITTING PHOSPHORS AND ASSOCIATED DEVICES**
[54] **SUBSTANCES LUMINESCENTES EMETTANT DE LA LUMIERE ROUGE ET DISPOSITIFS ASSOCIES**
[72] BEERS, WILLIAM WINDER, US
[72] HE, JIANMIN, US
[72] DU, FANGMING, US
[72] MURPHY, JAMES EDWARD, US
[72] COHEN, WILLIAM ERWIN, US
[72] NELSON, CLARK DAVID, US
[72] LINK, CYNTHIA SUSAN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2019-03-21
[86] 2017-05-25 (PCT/US2017/034477)
[87] (WO2017/210080)
[30] US (15/171,098) 2016-06-02

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **A YOKE FOR HEADGEAR**
[54] **ETRIER POUR HARNAIS**
[72] HOCKING, JAKE BAKER, NZ
[72] PEREIRA, PRIYANKA FERDINAND, NZ
[72] WALLS, BRUCE MICHAEL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2019-03-21
[86] 2017-09-28 (PCT/NZ2017/050126)
[87] (WO2018/063009)
[30] US (62/401,063) 2016-09-28

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD FOR APTAMER PAIR SELECTION**
[54] **PROCEDE DE SELECTION DE PAIRES D'APTAMERES**
[72] KIM, JOONYUL, US
[71] PROXIMITY BIOSCIENCES, LLC, US
[85] 2019-03-21
[86] 2017-06-16 (PCT/US2017/037856)
[87] (WO2017/218881)
[30] US (62/351,890) 2016-06-17

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[13] A1
[51] **Int.Cl. A61K 31/137 (2006.01) A61K 9/20 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE TABLET COMPRISING A WEIGHT-LOSS DRUG**
[54] **COMPRIME A LIBERATION PROLONGEE COMPRENANT UN MEDICAMENT D'AMAIGRISSEMENT**
[72] STROPPOLO, FEDERICO, CH
[72] GRANATA, GABRIELE, IT
[71] ALPEX PHARMA SA, CH
[85] 2019-03-21
[86] 2017-11-07 (PCT/EP2017/078500)
[87] (WO2018/087097)
[30] EP (16197747.5) 2016-11-08

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[13] A1
[51] **Int.Cl. A61B 17/24 (2006.01) A61B 34/20 (2016.01) A61B 90/00 (2016.01) A61M 25/09 (2006.01)**
[25] EN
[54] **SUCTION DEVICE FOR USE IN IMAGE-GUIDED SINUS MEDICAL PROCEDURE**
[54] **DISPOSITIF D'ASPIRATION DESTINE A ETRE UTILISE DANS UNE PROCEDURE MEDICALE DE SINUS GUIDEE PAR IMAGE**
[72] RADTKE, LAUREN, US
[72] CHOW, MINA W., US
[72] RODRIGUEZ, JEPHREY, US
[72] PAPADAKIS, ATHANASIOS, US
[72] MUNI, KETAN P., US
[72] KUHN, FREDERICK, US
[72] JENKINSON, RONAN L., US
[72] CHRISTIAN, JEFFREY J., US
[72] KANE, WILLIAM, US
[71] ACCLARENT, INC., US
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[51] **Int.Cl. E03B 7/02 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **A SYSTEM, PLATFORM AND METHOD FOR CONSTANT ONLINE WATER QUALITY & SAFETY MONITORING OF AN ENTIRE FLUID SYSTEM USING MULTI-SENSOR UNITS WITH ONLINE CROSS CHECKING DATA ANALYSIS ON REMOTE SERVERS WITH AI SOFTWARE AND ALGORITHMS**
[54] **SYSTEME, PLATEFORME ET PROCEDE DE SURVEILLANCE EN LIGNE CONSTANTE DE LA QUALITE ET DE LA SALUBRITE DE L'EAU D'UN SYSTEME DE FLUIDE COMPLET A L'AIDE DE MULTIPLES CAPTEURS AVEC ANALYSE DES DONNEES DE VERIFICATION CROISEE EN LIGNE SUR DES SERVEURS DISTANTS AVEC UN LOGICIEL AI ET DES ALGORITHMES**
[72] FLEISHMAN, DAVID, IL
[71] CYWAT TECHNOLOGIES LTD., IL
[85] 2019-03-21
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[54] **SYSTEME POUR PROCEDURES GUIDEES**
[72] SCHAEWE, TIMOTHY J., US
[72] PAITEL, YVAN, US
[72] STRAKA, NEIL F., US
[72] WILSON, BRYAN, US
[71] MEDTRONIC NAVIGATION, INC., US
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[54] **LOCATION BASED ACCESS TO SELECTED COMMUNICATION BANDS**
[54] **ACCES EN FONCTION DE L'EMPLACEMENT A DES BANDES DE COMMUNICATION SELECTIONNEES**
[72] ASHWORTH, CHRISTOPHER KEN, US
[72] COOK, PATRICK LEE, US
[72] MOUSER, MICHAEL JAMES, US
[71] WILSON ELECTRONICS, LLC, US
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[54] **MULTI-PLY STRUCTURES, PACKAGES, AND METHODS OF STERILIZATION**
[54] **STRUCTURES MULTICOUCHES, CONDITIONNEMENTS ET PROCEDES DE STERILISATION**
[72] SAVARGAONKAR, NILESH, US
[72] RAY, JAMES, US
[72] HOUCK, JUSTIN, US
[71] PRINTPACK ILLINOIS, INC., US
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[54] **DCI DESIGN FOR MULTI-USER SUPERPOSITION TRANSMISSION**
[54] **CONCEPTION DE DCI PERMETTANT UNE TRANSMISSION PAR SUPERPOSITION MULTI-UTILISATEUR**
[72] SUN, JING, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
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[54] **RACCORD DE TUBE SPIRALE DE REDUCTION DE TIGES D'ESSAI RAPIDE**
[72] TUTTLE, ELLIOTT DAVID, US
[72] LAVOIE, CHRISTOPHER SEAN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[25] EN
[54] **WEAR RESISTANT AND HIGH TEMPERATURE RESISTANT ELASTOMER NANOCOMPOSITES**
[54] **NANOCOMPOSITES ELASTOMERES RESISTANT A L'USURE ET AUX FORTES TEMPERATURES**
[72] DOLOG, ROSTYSLAV, US
[72] VENTURA, DARRYL, US
[72] KHABASHESKU, VALERY N., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[51] **Int.Cl. C09D 11/50 (2014.01) A61K 8/18 (2006.01) A61K 8/72 (2006.01) A61Q 17/04 (2006.01)**
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[54] **PHOTOCHROMIC COMPOSITIONS, MARKERS CONTAINING THE SAME, AND SYSTEMS AND METHODS FOR THEIR USE**
[54] **COMPOSITIONS PHOTOCHROMIQUES, MARQUEURS LES CONTENANT ET SYSTEMES ET PROCEDES POUR LEUR UTILISATION**
[72] LEVINE, ANDREW SETH, US
[72] ZUJOVIC, NICOLE ANN, US
[72] HENSE, DEBORA, US
[71] JADS INTERNATIONAL LLC, US
[85] 2019-03-21
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[51] **Int.Cl. A61C 17/06 (2006.01) A61B 1/247 (2006.01)**
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[54] **DISPOSABLE SUCTION DEVICE**
[54] **INSTRUMENT D'ASPIRATION A USAGE UNIQUE**
[72] CLASEN, STEPHAN, DE
[72] KAYSER, MARTIN, DE
[71] CLEVERDENT LTD., DE
[85] 2019-02-19
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[54] **LUBRICANT COMPOSITION**
[54] **COMPOSITION LUBRIFIANTE**
[72] SHERMAN, JOHN, US
[72] CUSATIS, PATRICE, US
[72] FASANO, PAUL LEONARD, US
[71] BASF SE, DE
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[51] **Int.Cl. H04L 12/14 (2006.01) H04W 4/24 (2018.01) H04L 12/28 (2006.01)**
[25] EN
[54] **COMMUNICATION NETWORKS FOR PAYMENT, OPERATION, AND CONTROL OF APPLIANCES, AND METHODS OF USING THE SAME**
[54] **RESEAUX DE COMMUNICATION POUR LE PAIEMENT, LE FONCTIONNEMENT ET LA COMMANDE D'APPAREILS, ET PROCEDES D'UTILISATION ASSOCIES**
[72] MERKH, THOMAS G., US
[72] PASQUALE, CHARLES J., JR., US
[72] KNISKERN, ROBERT J., US
[71] TNBI, INC., US
[85] 2019-03-21
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[51] **Int.Cl. E21B 43/116 (2006.01) E21B 17/06 (2006.01) E21B 23/02 (2006.01) E21B 31/18 (2006.01) E21B 43/119 (2006.01)**
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[54] **ORIENTING SUB**
[54] **REDUCTION D'ORIENTATION**
[72] LANGFORD, DALE, US
[72] BRADLEY, RICHARD WAYNE, US
[71] HUNTING TITAN, INC., US
[85] 2019-03-21
[86] 2017-09-22 (PCT/US2017/053046)
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[54] **TRI-BLOCK PREPOLYMERS AND THEIR USE IN SILICONE HYDROGELS**
[54] **PREPOLYMERES TRIBLOCS ET LEUR UTILISATION DANS DES HYDROGELS DE SILICONE**
[72] ZHANG, YONG, US
[72] JOSLIN, SCOTT L., US
[72] MAHADEVAN, SHIVKUMAR, US
[72] FORD, JAMES D., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[51] **Int.Cl. B23K 1/00 (2006.01) B22F 3/00 (2006.01) H01G 4/228 (2006.01) H01R 13/648 (2006.01) H05K 3/40 (2006.01)**
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[54] **BRAZE BONDED NAIL HEAD LEAD**
[54] **FIL DE TETE DE CLOU LIEE PAR BRASAGE**
[72] KICK, DEAN W., US
[72] GAGNON, PAUL JULIEN, US
[72] VANDERVAART, DAVID LEE, US
[71] LUCAS-MILHAUPT, INC., US
[85] 2019-03-21
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[30] US (62/398,047) 2016-09-22

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[51] **Int.Cl. A61M 11/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **LEAK RESISTANT VAPORIZER DEVICE**
[54] **DISPOSITIF VAPORISATEUR RESISTANT AUX FUITES**
[72] HATTON, NICHOLAS JAY, US
[72] CHRISTENSEN, STEVEN, US
[72] LEON DUQUE, ESTEBAN, US
[72] ATKINS, ARIEL, US
[72] MONSEES, JAMES, US
[72] BOWEN, ADAM, US
[71] JUUL LABS, INC., US
[85] 2019-03-21
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[54] **USE OF LOW PH ACTIVE ALPHA-1,4/1,6-GLYCOSIDE HYDROLASES AS A FEED ADDITIVE FOR RUMINANTS TO ENHANCE STARCH DIGESTION**
[54] **UTILISATION D'HYDROLASES ALPHA-1,4/1,6-GLYCOSIDE ACTIVES A PH FAIBLE EN TANT QU'ADDITIF ALIMENTAIRE POUR RUMINANTS POUR AMELIORER LA DIGESTION DE L'AMIDON**
[72] YU, SHUKUN, SE
[72] KRAGH, KARSTEN MATTHIAS, DK
[72] LI, WENTING, GB
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2019-03-21
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[51] **Int.Cl. B64C 30/00 (2006.01) B64C 3/16 (2006.01) B64C 23/04 (2006.01) B64D 27/00 (2006.01) B64D 33/04 (2006.01) F02C 9/18 (2006.01)**
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[54] **SHOCKWAVE MITIGATION SYSTEM FOR SUPERSONIC AIRCRAFT**
[54] **SYSTEME D'ATTENUATION D'ONDE DE CHOC POUR AERONEF SUPERSONIQUE**
[72] SCHLAERTH, JOHN B., JR., US
[71] NCTAR, LLC, US
[85] 2019-03-21
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[30] US (15/272,908) 2016-09-22

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[51] **Int.Cl. G06Q 50/00 (2012.01) G06Q 50/22 (2018.01) G16H 10/60 (2018.01)**
[25] EN
[54] **PLATFORM FOR ASSESSING AND TREATING INDIVIDUALS BY SOURCING INFORMATION FROM GROUPS OF RESOURCES**
[54] **PLATEFORME DESTINEE A EVALUER ET A TRAITER DES INDIVIDUS AU MOYEN DU SOURCAGE D'INFORMATIONS A PARTIR DE GROUPES DE RESSOURCES**
[72] AMINI, MALEKEH, US
[72] FEINSTEIN, CARL B., US
[72] WANG, SHUANHU, US
[72] HUANG, HETAO, US
[72] VAGADORI, MADELEINE S., US
[72] JONES, ELIOTT H., US
[72] KALRA, HITESH, US
[72] SALTZMAN, ERIC, US
[71] TRAYT INC., US
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[51] **Int.Cl. E04B 9/22 (2006.01) E04F 13/08 (2006.01)**
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[54] **PANEL SYSTEM AND SUPPORT MEMBER FOR USE WITH THE SAME**
[54] **SYSTEME DE PANNEAU ET ELEMENT DE SUPPORT POUR UTILISATION AVEC CELUI-CI**
[72] HARNISH, SCOTT D., US
[72] BERGMAN, TODD M., US
[72] HANUSCHAK, RYAN D., US
[72] VAN DORE, JONATHAN P., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2019-03-21
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[30] US (62/398,952) 2016-09-23

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[51] **Int.Cl. E21B 43/117 (2006.01) E21B 43/1185 (2006.01)**
[25] EN
[54] **SELECT FIRE PERFORATING CARTRIDGE SYSTEM**
[54] **SYSTEME DE CARTOUCHE DE PERFORATION A PRESSION D'INCENDIE SELECTIONNEE**
[72] LANGFORD, DALE, US
[72] LEVINE, CHARLES, US
[72] LANE, ANDY, US
[72] PUNDOLE, FARAIDOON, US
[72] SANSING, JOEL, US
[71] HUNTING TITAN, INC., US
[85] 2019-03-21
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[30] US (62/398,975) 2016-09-23

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[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **CUTTING ELEMENTS, EARTH-BORING TOOLS INCLUDING THE CUTTING ELEMENTS, AND METHODS OF FORMING THE EARTH-BORING TOOLS**
[54] **ELEMENTS DE COUPE, OUTILS DE FORAGE COMPRENANT LES ELEMENTS DE COUPE, ET PROCEDES DE FABRICATION DES OUTILS DE FORAGE**
[72] BILEN, JUAN MIGUEL, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-03-21
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[30] US (15/274,254) 2016-09-23

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[13] A1
[51] **Int.Cl. G08G 1/087 (2006.01)**
[25] EN
[54] **TIMING SUBMISSION OF TRANSIT SIGNAL PRIORITY REQUESTS TO REDUCE TRANSIT VEHICLE STOP TIMES**
[54] **SOUMISSION DE SYNCHRONISATION DE DEMANDES DE PRIORITE DE SIGNAL DE TRANSIT POUR REDUIRE DES TEMPS D'ARRET DE VEHICULE EN TRANSIT**
[72] BALLER, JONATHAN, US
[71] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US
[85] 2019-03-21
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[30] US (15/272,579) 2016-09-22

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[13] A1
[51] **Int.Cl. C12N 5/0784 (2010.01)**
[25] EN
[54] **METHODS OF PREPARING AN ISOLATED POPULATION OF DENDRITIC CELLS AND METHODS OF TREATING CANCER USING SAME**
[54] **PROCEDES DE PREPARATION D'UNE POPULATION ISOLEE DE CELLULES DENDRITIQUES ET METHODES DE TRAITEMENT DU CANCER AU MOYEN DE LADITE POPULATION ISOLEE**
[72] CAFRI, GAL, US
[72] ROBBINS, PAUL F., US
[72] GARTNER, JARED J., US
[72] ROSENBERG, STEVEN A., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2019-03-21
[86] 2017-09-18 (PCT/US2017/051981)
[87] (WO2018/057447)
[30] US (62/398,963) 2016-09-23

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[13] A1
[51] **Int.Cl. A61K 31/145 (2006.01) A61K 31/198 (2006.01) A61K 31/29 (2006.01) A61K 31/305 (2006.01) A61K 31/382 (2006.01) A61K 31/425 (2006.01) A61K 31/4439 (2006.01) A61K 31/473 (2006.01) A61K 31/565 (2006.01) A61K 31/60 (2006.01) A61K 31/7048 (2006.01) A61K 33/00 (2006.01) A61K 33/24 (2019.01) A61K 33/28 (2006.01) A61K 33/30 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **INHIBITORS OF SARM1 NADASE ACTIVITY AND USES THEREOF**
[54] **INHIBITEURS DE L'ACTIVITE SARM1 NADASE ET UTILISATIONS DE CEUX-CI**
[72] MILBRANDT, JEFFREY, US
[72] ESSUMAN, KOW, US
[72] SASAKI, YO, US
[72] DIANTONIO, AARON, US
[72] MAO, XIANRONG, US
[72] DEVRAJ, RAJESH, US
[72] KRAUSS, RAUL EDUARDO, US
[72] HUGHES, ROBERT OWEN, US
[71] WASHINGTON UNIVERSITY, US
[71] DISARM THERAPEUTICS, INC., US
[85] 2019-03-21
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[87] (WO2018/057989)
[30] US (62/399,339) 2016-09-24
[30] US (62/473,805) 2017-03-20
[30] US (62/473,916) 2017-03-20
[30] US (62/473,921) 2017-03-20

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[51] **Int.Cl. G06F 17/00 (2019.01) G06Q 50/08 (2012.01)**
[25] EN
[54] **ASSET MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE BIENS**
[72] CARPENTER, CHRISTOPHER M., US
[72] WILKINSON, ERIC E., US
[72] HEAPHY, PAUL L., AU
[71] ESCO GROUP LLC, US
[85] 2019-03-21
[86] 2017-09-22 (PCT/US2017/053071)
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[30] US (62/398,880) 2016-09-23

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[13] A1
[51] **Int.Cl. E04B 1/18 (2006.01) E04B 1/19 (2006.01) E04B 1/34 (2006.01) E04H 1/00 (2006.01) E04H 1/02 (2006.01) E04H 1/04 (2006.01) E04H 12/34 (2006.01)**
[25] EN
[54] **STRUCTURE AND METHOD OF MAKING THE SAME**
[54] **STRUCTURE ET SON PROCEDE DE FABRICATION**
[72] BERKOWITZ, JEFFREY, US
[72] FORT-BRESCIA, BERNARDO, US
[72] KLEMENCIC, RONALD, US
[71] SKYRISE GLOBAL, LLC, US
[85] 2019-03-21
[86] 2017-09-21 (PCT/US2017/052750)
[87] (WO2018/057758)
[30] US (62/397,681) 2016-09-21

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[13] A1
[51] **Int.Cl. A23L 33/155 (2016.01) A23L 33/17 (2016.01) A61K 31/59 (2006.01) A61K 31/593 (2006.01) A61K 38/17 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **APOAEQUORIN AND VITAMIN D-CONTAINING COMPOSITIONS AND METHODS OF USING SAME**
[54] **COMPOSITIONS CONTENANT DE L'APOAEQUORINE ET DE LA VITAMINE D ET LEURS PROCEDES D'UTILISATION**
[72] UNDERWOOD, MARK Y., US
[71] QUINCY BIOSCIENCE, LLC, US
[85] 2019-03-21
[86] 2017-09-25 (PCT/US2017/053279)
[87] (WO2018/058050)
[30] US (62/398,669) 2016-09-23

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G05D 3/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO DISTRIBUTE AND AUTHENTICATE PRODUCT DELIVERY LOCKERS**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION ET D'AUTHENTIFICATION DE CASIERS DE LIVRAISON DE PRODUITS**
[72] HIGH, DONALD R., US
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[72] MCHALE, BRIAN G., GB
[71] WALMART APOLLO, LLC, US
[85] 2019-03-21
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[30] US (62/401,757) 2016-09-29

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[13] A1
[51] **Int.Cl. F04B 1/04 (2006.01) F04B 9/04 (2006.01) F04B 53/14 (2006.01)**
[25] EN
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[54] **SYSTEME DE POMPE**
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[72] FREED, WESLEY, US
[72] DILLE, MARK C., US
[72] ARNOLDY, DAVID, US
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[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE STRUCTURE DE TRAME ET DE SYNCHRONISATION D'ASSOCIATION**
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[72] NOGAMI, TOSHIZO, US
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **SYSTEME ET PROCEDES DE PLANIFICATION D'ENDOPROTHESE A L'AIDE D'UNE REPRESENTATION DE VAISSEAU**
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[71] LIGHTLAB IMAGING, INC., US
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[54] **MODULE, SYSTEME ET PROCEDE D'ECHANGE DE CHALEUR**
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[72] ESTRADA, DANIEL, US
[72] KALRA, MAYANK, US
[72] PADULA, ANDREW, US
[72] CUADRA, DANIEL EDWARD, US
[72] COHN, RYAN CHRISTOPHER, US
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[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHODS AND SYSTEMS FOR THE QUANTITATIVE MEASUREMENT OF INTERNAL DEFECTS IN AS-CAST STEEL PRODUCTS**
[54] **PROCEDES ET SYSTEMES DE MESURE QUANTITATIVE DE DEFAUTS INTERNES DANS DES PRODUITS EN ACIER COULE**
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[72] WANG, YUFENG, US
[72] RAINES, JUSTIN R., US
[72] BODNAR, RICHARD L., US
[72] THOMAS, JASON, US
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[54] **SYSTEMS AND METHODS FOR RANDOMIZED, PACKET-BASED POWER MANAGEMENT OF CONDITIONALLY-CONTROLLED LOADS AND BI-DIRECTIONAL DISTRIBUTED ENERGY STORAGE SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE PUISSANCE ALEATOIRE BASEE SUR DES PAQUETS DE CHARGES A COMMANDE CONDITIONNELLE ET SYSTEMES DE STOCKAGE D'ENERGIE DISTRIBUEE BIDIRECTIONNELS**
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[72] HINES, PAUL, US
[72] ALMASSALKHI, MADS, US
[71] UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE, US
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[54] **STRATEGIES DE TRAITEMENTS COMBINES DU CANCER BASEES SUR L'INHIBITION DE L'ARN POLYMERASE I**
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[72] LIU, HESTER HUI, US
[72] SIRAJUDDIN, PAUL, US
[72] IKONEN, ELINA, US
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[72] PFISTER, EDITH L., US
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[54] **SYSTEME DE GESTION DE BATTERIE**
[72] HUFF, BRIAN R., US
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[72] HICKEY, KYLE, US
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[54] **SYSTEME DE COMMANDE DE VEHICULE DE TRAVAIL, PROCEDE DE COMMANDE ET VEHICULE DE TRAVAIL**
[72] HIRAYAMA, MASAMI, AU
[72] WHITTY, MARK, AU
[72] KATUPITIYA, JAYANTHA, AU
[72] GUIVANT, JOSE, AU
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[54] **PROCEDE DE POINCONNAGE D'UNE PLAQUE EN ACIER ELECTROMAGNETIQUE, ET PROCEDE DE FABRICATION DE NOYAU STRATIFIE**
[72] SENDA, KUNIHIRO, JP
[72] UESAKA, MASANORI, JP
[72] ODA, YOSHIHIKO, JP
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[72] FERNANDO, BRIAN, US
[72] PROSPERI, MILTON, US
[71] CORNELLCOOKSON, LLC, US
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[54] **APPAREIL ET PROCEDE DE CHAUFFAGE D'UNE BUSE A ENTREE LATERALE**
[72] OVERFIELD, SARAH KATHLEEN, US
[72] JENKO, EDWARD JOSEPH, US
[72] ESSER, BRIAN, US
[72] HURLEY, DAVID ALBERT, US
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[71] SANVEAN TECHNOLOGIES LLC, US
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[54] **COMMUNICATION SANS FIL ENTRE UN ENB A LARGE BANDE ET UN UE A BANDE ETROITE**
[72] YERRAMALLI, SRINIVAS, US
[72] KADOUS, TAMER, US
[72] LIU, CHIH-HAO, US
[72] PATEL, CHIRAG, US
[72] RICO ALVARINO, ALBERTO, US
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[72] AMATO, KELLY E., US
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[54] **PREAMPLIFICATEUR A MODULE DE SYSTEME DE LOCALISATION DE SATELLITE INTEGRE**
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[71] WILSON ELECTRONICS, LLC, US
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[54] **SYSTEME ET PROCEDE DE DETECTION DE PANNEAU PLAT A MATRICE ACTIVE HYBRIDE**
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[72] SCHEUERMANN, JAMES, US
[72] HOWANSKY, ADRIAN, US
[72] LUBINSKY, RICK, US
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[54] **EMBALLAGE THERMIQUE AYANT UNE FORME SENSIBLEMENT IDENTIQUE A UNE SURFACE TRIDIMENSIONNELLE INCURVEE**
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[54] **SYSTEME ET PROCEDE DE CANON DE PERFORATION DE TROU D'ENTREE CONSTANT**
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[72] SNIDER, PHILIP M., US
[72] HARDESTY, JOHN T., US
[72] WESSON, DAVID S., US
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[54] **DISPOSITIFS MICRO-RESEAUX DESTINES A LA CAPTURE DE CELLULES DANS LE SANG ET LEURS PROCEDES D'UTILISATION**
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[72] KHOSRAVI, FARHAD, US
[72] RAI, SHESH N., US
[71] WORCESTER POLYTECHNIC INSTITUTE, US
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[54] **SYSTEMES ET PROCEDES POUR LA PREVENTION DE LA MANIPULATION ET DU JEU DANS DES VENTES AUX ENCHERES ELECTRONIQUES JOURNALIERES**
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[54] **BROYEUR A MARTEAUX A ETAGES MULTIPLES ET SYSTEME DE TRAITEMENT DE RESIDU L'INCORPORANT**
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[71] SEED TERMINATOR HOLDINGS PTY LTD, AU
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[54] **ALPHA-CETOBUTYRATE, ALPHA-CETOGLUTARATE, ET 2-HYDROXYBUTYRATE POUR STIMULER LA CROISSANCE DES CHEVEUX**
[72] HUANG, JING, US
[72] CHAI, MIN, US
[72] JIANG, MEISHENG, US
[72] FU, XUDONG, US
[72] HWANG, HEEJUN, US
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[72] XIA, XIAOHU, US
[71] WM. WRIGLEY JR. COMPANY, US
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[54] **METHOD FOR MANAGING APPLICATION PROGRAM USE TIME OFFLINE, AND TERMINAL DEVICE**
[54] **PROCEDE DE GESTION HORS LIGNE POUR TEMPS D'UTILISATION D'APPLICATIONS, ET DISPOSITIF TERMINAL**
[72] YU, SHUANGXIN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-03-22
[86] 2016-09-24 (PCT/CN2016/099991)
[87] (WO2018/053819)

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[51] **Int.Cl. D06B 11/00 (2006.01) B29C 59/10 (2006.01) D06B 19/00 (2006.01) D06B 23/00 (2006.01) D06B 23/18 (2006.01) D06C 29/00 (2006.01) D06M 10/02 (2006.01)**
[25] EN
[54] **AIRFOIL APPARATUS FOR A SYSTEM HAVING A CONTROLLED INTERNAL ENVIRONMENT**
[54] **APPAREIL A PROFIL AERODYNAMIQUE POUR SYSTEME AYANT UN ENVIRONNEMENT INTERNE COMMANDE**
[72] WOLF, RORY A., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-03-21
[86] 2017-09-29 (PCT/US2017/054387)
[87] (WO2018/075223)
[30] US (15/295,304) 2016-10-17

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[51] **Int.Cl. G03F 7/42 (2006.01)**
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[54] **SOLVENTS FOR USE IN THE ELECTRONICS INDUSTRY**
[54] **SOLVANTS DESTINES A ETRE UTILISES DANS L'INDUSTRIE ELECTRONIQUE**
[72] JIANG, QI, CN
[72] REN, HUA, CN
[72] JIANG, XIN, CN
[72] KIM, EUNG KYU, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-03-22
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[51] **Int.Cl. C08L 23/08 (2006.01) C08J 3/24 (2006.01) C08J 9/06 (2006.01) C08L 23/14 (2006.01)**
[25] EN
[54] **FORMULATION OF ELASTOMER COPOLYMER AND BLOCK COPOLYMER**
[54] **FORMULATION DE COPOLYMERE ELASTOMERE ET COPOLYMERE SEQUENCE**
[72] TALREJA, MANISH, US
[72] COGEN, JEFFREY M., US
[72] YU, HAIYANG, CN
[72] MUNRO, JEFFREY C., US
[72] MADENJIAN, LISA S., US
[72] GILL, SUSAN R., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[87] (WO2018/058344)

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[51] **Int.Cl. C08K 5/00 (2006.01)**
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[54] **LOW EMISSIONS SCORCH INHIBITOR FOR POLYURETHANE FOAM**
[54] **INHIBITEUR DE GRILLAGE A FAIBLES EMISSIONS POUR MOUSSE DE POLYURETHANE**
[72] DEMASSA, JOHN M., US
[71] VANDERBILT CHEMICALS, LLC, US
[85] 2019-03-21
[86] 2017-09-29 (PCT/US2017/054394)
[87] (WO2018/064521)
[30] US (62/402,279) 2016-09-30

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[51] **Int.Cl. A61M 39/22 (2006.01) A61M 5/152 (2006.01)**
[25] EN
[54] **SPLIT MICRO-VALVE**
[54] **MICROSOUPAPE FENDUE**
[72] GU, YU, CN
[71] SUZHOU SKYWELL HEALTHCARE INFORMATION CO., LTD., CN
[85] 2019-03-22
[86] 2017-08-11 (PCT/CN2017/097151)
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[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES THAT EXHIBIT CONSUMER RELEVANT PROPERTIES**
[54] **ARTICLES CONTENANT DES STRUCTURES FIBREUSES DOTES DE PROPRIETES PERTINENTES POUR LES CONSOMMATEURS**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] DENBOW, JAMES ROY, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-03-21
[86] 2017-10-17 (PCT/US2017/056980)
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[30] US (62/409,202) 2016-10-17

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[51] **Int.Cl. B65D 25/14 (2006.01)**
[25] EN
[54] **CLOSED-HEAD DRUM WITH LINER, AND METHOD FOR PRODUCING THE SAME**
[54] **FUT A BONDE DOTE D'UN REVETEMENT INTERIEUR AINSI QUE PROCEDE DE FABRICATION ASSOCIE**
[72] WEYRAUCH, DETLEV, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2019-03-22
[86] 2017-09-13 (PCT/EP2017/001086)
[87] (WO2018/054527)
[30] DE (20 2016 005 920.4) 2016-09-23

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[51] **Int.Cl. D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURE-CONTAINING ARTICLES THAT EXHIBIT CONSUMER RELEVANT PROPERTIES**
[54] **ARTICLES CONTENANT DES STRUCTURES FIBREUSES DOTES DE PROPRIETES PERTINENTES POUR LES CONSOMMATEURS**
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[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
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[72] BARNHOLTZ, STEVEN LEE, US
[72] SHEEHAN, JEFFREY GLEN, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (62/409,202) 2016-10-17

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[51] **Int.Cl. B65D 83/54 (2006.01) B05B 7/04 (2006.01) B65D 83/14 (2006.01) B65D 83/66 (2006.01)**
[25] EN
[54] **CANISTER AND VALVE**
[54] **BOMBE ET SOUPAPE**
[72] FRIEL, MICHAEL, GB
[71] AER BEATHA LIMITED, GB
[85] 2019-03-22
[86] 2017-09-21 (PCT/EP2017/073934)
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[30] GB (1616107.7) 2016-09-22

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[51] **Int.Cl. H04W 52/12 (2009.01) H04W 52/16 (2009.01) H04W 52/32 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PERFORMING POWER CONTROL OF PHYSICAL CHANNELS IN A COMMUNICATION SYSTEM**
[54] **SYSTEMES ET PROCEDES POUR EXECUTER UN CONTROLE DE PUISSANCE DE CANAUX PHYSIQUES DANS UN SYSTEME DE COMMUNICATION**
[72] ALMQUIST, GUSTAV, SE
[72] LARSSON, DANIEL, SE
[72] FALCONETTI, LAETITIA, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2019-03-22
[86] 2017-09-26 (PCT/EP2017/074316)
[87] (WO2018/060170)
[30] US (62/402,848) 2016-09-30

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 11/12 (2006.01) C07D 471/14 (2006.01) C07D 498/14 (2006.01)**
[25] EN
[54] **MODULATOR OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, PHARMACEUTICAL COMPOSITIONS, METHODS OF TREATMENT, AND PROCESS FOR MAKING THE MODULATOR**
[54] **MODULATEUR DE REGULATEUR DE CONDUCTANCE TRANSMEMBRANAIRE DE FIBROSE KYSTIQUE, COMPOSITIONS PHARMACEUTIQUES, PROCEDES DE TRAITEMENT ET PROCEDE DE FABRICATION DU MODULATEUR**
[72] ALCACIO, TIMOTHY, US
[72] BAEK, MINSON, US
[72] GROOTENHUIS, PETER, US
[72] KESHAVARZ-SHOKRI, ALI, US
[72] MCAULEY-AOKI, RACHEL, US
[72] MCCARTNEY, JASON, US
[72] VAN GOOR, FREDRICK, US
[72] ZHANG, BEILI, US
[72] CLEVELAND, THOMAS, US
[72] KHATUYA, HARIPADA, US
[72] MELILLO, VITO, US
[72] UY, JOHNNY, US
[72] ZHOU, JINGLAN, US
[72] PARASELLI, PRASUNA, US
[72] HADIDA RUAH, SARA SABINA, US
[72] HUGHES, ROBERT M., US
[72] MILLER, MARK THOMAS, US
[72] ANDERSON, COREY, US
[72] FRIEMAN, BRYAN A., US
[72] JOSHI, PRAMOD VIRUPAX, US
[72] KRENITSKY, PAUL JOHN, US
[72] PIERRE, FABRICE JEAN DENIS, US
[72] TERMIN, ANDREAS P., US
[72] ABELA, ALEXANDER RUSSELL, US
[72] BUSCH, BRETT BRADLEY, US
[72] SIESEL, DAVID ANDREW, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **SUTURE CONNECTION SYSTEM FOR BONE PLATES**
[54] **SYSTEME DE CONNEXION DE SUTURE POUR PLAQUES OSSEUSES**
[72] TORDI, GIANLUCA, IT
[72] AEBI, THIS, CH
[72] ANDERMATT, DANIEL, CH
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2019-03-21
[86] 2017-10-18 (PCT/US2017/057159)
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[30] US (62/412,683) 2016-10-25

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[51] **Int.Cl. G01S 17/08 (2006.01) G01S 17/89 (2006.01) G06F 3/01 (2006.01) G06K 7/10 (2006.01) G06K 9/00 (2006.01) G06T 7/00 (2017.01) H04N 5/225 (2006.01)**
[25] EN
[54] **REAL TIME CALIBRATION FOR TIME-OF-FLIGHT DEPTH MEASUREMENT**
[54] **ETALONNAGE EN TEMPS REEL POUR UNE MESURE DE PROFONDEUR DE TEMPS DE VOL**
[72] COHEN, DAVID, IL
[72] PELLMAN, ASSAF, IL
[72] MAZOR, SHAI, IL
[72] TADMOR, EREZ, IL
[72] YAHAV, GIORA, IL
[71] MAGIC LEAP, INC., US
[85] 2019-03-21
[86] 2017-10-02 (PCT/US2017/054719)
[87] (WO2018/064658)
[30] US (62/402,770) 2016-09-30

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[13] A1
[51] **Int.Cl. C07D 405/12 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61P 31/12 (2006.01) C07D 239/48 (2006.01) C07F 9/24 (2006.01)**
[25] EN
[54] **PYRIMIDINE PRODRUGS FOR THE TREATMENT OF VIRAL INFECTIONS AND FURTHER DISEASES**
[54] **PROMEDICAMENTS DE PYRIMIDINE POUR LE TRAITEMENT D'INFECTIONS VIRALES ET D'AUTRES MALADIES**
[72] MC GOWAN, DAVID CRAIG, BE
[72] HERSCHKE, FLORENCE MARIE, BE
[72] STOOPS, BART HENRI THERESIA, BE
[72] EMBRECHTS, WERNER CONSTANT JOHAN, BE
[72] BOLLEKENS, JACQUES ARMAND HENRI, BE
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] JONCKERS, TIM HUGO MARIA, BE
[72] CALMUS, LAURENT JACQUES EMILE, FR
[71] JANSSEN SCIENCES IRELAND UNLIMITED COMPANY, IE
[85] 2019-03-22
[86] 2017-09-28 (PCT/EP2017/074600)
[87] (WO2018/060317)
[30] EP (16191568.1) 2016-09-29

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[51] **Int.Cl. A61M 5/31 (2006.01) A61J 15/00 (2006.01) A61M 39/08 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **SYRINGE WITH ENTERAL CONNECTION FEATURE**
[54] **SERINGUE A ELEMENT DE LIAISON ENTERALE**
[72] DI UBALDI, JOHN, US
[72] RAJAGOPAL, SAMBATH KUMAR, IN
[72] NAGU, THIRUMURUGAN, IN
[72] BONCZYNSKI, GERALD, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-03-21
[86] 2017-10-04 (PCT/US2017/055023)
[87] (WO2018/067629)
[30] US (15/286,655) 2016-10-06

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[13] A1
[51] **Int.Cl. B62D 53/08 (2006.01) F16N 11/00 (2006.01)**
[25] EN
[54] **A FIFTH WHEEL TURNTABLE LUBRICATION DEVICE**
[54] **DISPOSITIF DE LUBRIFICATION DE PLAQUE TOURNANTE DE CINQUIEME ROUE**
[72] JENSSEN, TORE, NO
[71] FIFTH WHEEL AS, NO
[85] 2019-03-22
[86] 2017-10-02 (PCT/EP2017/074967)
[87] (WO2018/065361)
[30] NO (20161596) 2016-10-05

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[51] **Int.Cl. A47C 27/08 (2006.01) A47C 31/00 (2006.01)**
[25] EN
[54] **TIERED VOID CELLS**
[54] **CELLULES VIDES A PLUSIEURS NIVEAUX**
[72] DAHL, JEROD, US
[72] FOLEY, PETER F., US
[71] SKYDEX TECHNOLOGIES, INC., US
[85] 2019-03-21
[86] 2017-10-05 (PCT/US2017/055407)
[87] (WO2018/067863)
[30] US (62/404,969) 2016-10-06

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[51] **Int.Cl. A61B 18/22 (2006.01) A61B 90/90 (2016.01)**
[25] EN
[54] **SYSTEM FOR SURGICAL TREATMENT**
[54] **SYSTEME POUR UN TRAITEMENT CHIRURGICAL**
[72] SCHUBERT, MICHAEL, DE
[71] IMS GMBH, DE
[85] 2019-03-22
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[87] (WO2018/060429)
[30] DE (10 2016 118 663.5) 2016-09-30

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[51] **Int.Cl. B65B 25/06 (2006.01) B65B 11/00 (2006.01) B65B 11/10 (2006.01) B65B 11/18 (2006.01) B65B 11/54 (2006.01) B65B 57/00 (2006.01) B65B 57/08 (2006.01) B65B 57/16 (2006.01) B65B 59/00 (2006.01)**
[25] EN
[54] **WRAPPING MACHINE AND ASSOCIATED CONTROL SYSTEM**
[54] **MACHINE D'EMBALLAGE ET SYSTEME DE COMMANDE ASSOCIE**
[72] GUZMAN, JUAN C., US
[72] DAVIS, ROBERT S., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-03-21
[86] 2017-10-19 (PCT/US2017/057288)
[87] (WO2018/080879)
[30] US (62/414,167) 2016-10-28
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[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **SYRINGE WITH CONNECTOR**
[54] **SERINGUE AVEC RACCORD**
[72] RAJAGOPAL, SAMBATH KUMAR, IN
[72] DI UBALDI, JOHN, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-03-21
[86] 2017-10-06 (PCT/US2017/055534)
[87] (WO2018/067929)
[30] US (62/405,387) 2016-10-07
[30] US (15/724,387) 2017-10-04

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL MONOCYCLIC AND BICYCLIC RING SYSTEM SUBSTITUTED CARBANUCLEOSIDE ANALOGUES FOR USE AS PRMT5 INHIBITORS**
[54] **NOUVEAUX ANALOGUES DE CARBANUCLEOSIDE SUBSTITUES PAR UN SYSTEME CYCLIQUE, MONOCYCLIQUE ET BICYCLIQUE DESTINES A ETRE UTILISES EN TANT QU'INHIBITEURS DE PRMT5**
[72] WU, TONGFEI, BE
[72] BREHMER, DIRK, BE
[72] BEKE, LIJS, BE
[72] BOECKX, AN, BE
[72] DIELS, GASTON STANISLAS MARCELLA, BE
[72] LAWSON, EDWARD CHARLES, US
[72] MEERPOEL, LIEVEN, BE
[72] PANDE, VINEET, BE
[72] PARADE, MARCUS CORNELIS BERNARDUS CATHARINA, BE
[72] SCHEPENS, WIM BERT GRIET, BE
[72] SUN, WEIMEI, US
[72] THURING, JOHANNES WILHELMUS JOHN F., BE
[72] VIELLEVOYE, MARCEL, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2019-03-22
[86] 2017-10-02 (PCT/EP2017/074983)
[87] (WO2018/065365)
[30] US (62/403,336) 2016-10-03
[30] EP (17157785.1) 2017-02-24

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[13] A1
[51] **Int.Cl. A61B 17/08 (2006.01) A61B 17/00 (2006.01) A61B 17/064 (2006.01)**
[25] EN
[54] **FORCE MODULATING TISSUE BRIDGES, ASSOCIATED TOOLS, KITS AND METHODS**
[54] **PONTS TISSULAIRES A MODULATION DE FORCE, OUTILS ASSOCIES, KITS ET PROCEDES**
[72] EAVES, FELMONT F., US
[72] KAZMER, DAVID O., US
[72] KNIGHT, GARY W., US
[72] DIETZ, TIMOTHY G., US
[72] CLEM, WILLIAM EUGENE, US
[71] EMRGE, LLC., US
[85] 2019-03-21
[86] 2017-10-20 (PCT/US2017/057569)
[87] (WO2018/075879)
[30] US (62/411,023) 2016-10-21

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[13] A1
[51] **Int.Cl. C10L 1/06 (2006.01)**
[25] EN
[54] **ALKYLATE GASOLINE COMPOSITION WITH RENEWABLE NAPHTHA AND ISO-OCTANE**
[54] **COMPOSITION D'ESSENCE ALKYLATE CONTENANT DU NAPHTA RENOUVELABLE ET DE L'ISO-OCTANE**
[72] KARVO, ANNA, FI
[72] ENGMAN, ARI, FI
[72] HARTIKKA, TUUKKA, FI
[71] NESTE OYJ, FI
[85] 2019-03-22
[86] 2017-10-05 (PCT/EP2017/075327)
[87] (WO2018/069137)
[30] FI (20165785) 2016-10-13

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[13] A1
[51] **Int.Cl. G01N 33/533 (2006.01) G01N 33/542 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **NOVEL REAL-TIME MULTIPLEXED, MULTI-COLOR BIOLUMINESCENCE RESONANCE ENERGY TRANSFER ASSAY, APPARATUS, AND USES THEREOF**
[54] **NOUVEAU DOSAGE DE TRANSFERT D'ENERGIE PAR RESONANCE DE BIOLUMINESCENCE MULTICOLORE MULTIPLEXE EN TEMPS REEL, APPAREIL ASSOCIE ET SES UTILISATIONS**
[72] PERCHERANCIER, YANN, FR
[72] VEYRET, BERNARD, FR
[72] RUIGROK, HERMANUS, FR
[72] ARBAULT, STEPHANE, FR
[72] SOJIC, NESO, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2019-03-22
[86] 2017-10-03 (PCT/EP2017/075060)
[87] (WO2018/065406)
[30] EP (16192290.1) 2016-10-04

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) G01N 1/40 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPTICAL OR ELECTRICAL MEASUREMENTS IN DISPERSE FLUIDS**
[54] **PROCEDE ET SYSTEME DE MESURES OPTIQUES OU ELECTRIQUES DANS DES FLUIDES DISPERSES**
[72] AUGUSTSSON, PER, SE
[72] OHLSSON, PELLE DANIEL, SE
[72] JAKOBSSON, OLA, SE
[72] PETERSSON, KLARA, SE
[72] BLANKENSTEIN, GERT, DE
[72] KERIMO, JOSEF, US
[72] SCHONBRUN, ETHAN, US
[71] ACOUSORT AB, SE
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2019-03-22
[86] 2017-10-09 (PCT/EP2017/075681)
[87] (WO2018/065626)
[30] EP (16192938.5) 2016-10-07
[30] EP (16192939.3) 2016-10-07

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[13] A1
[51] **Int.Cl. A61B 50/10 (2016.01) A61B 50/33 (2016.01) A61G 7/05 (2006.01) A61M 5/14 (2006.01)**
[25] EN
[54] **MEDICAL STAND**
[54] **SUPPORT MEDICAL**
[72] GIBBS, TREVOR S., US
[71] GIBBS, TREVOR S., US
[85] 2019-03-21
[86] 2017-10-21 (PCT/US2017/057758)
[87] (WO2018/075990)
[30] US (62/411,304) 2016-10-21
[30] US (15/789,979) 2017-10-21

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[13] A1
[51] **Int.Cl. E21B 23/04 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **DOWNHOLE TEST TOOL AND METHOD OF USE**
[54] **OUTIL DE TEST DE FOND DE TROU ET PROCEDE D'UTILISATION**
[72] TELFER, GEORGE, GB
[72] FAIRWEATHER, ALAN, GB
[71] ARDYNE HOLDINGS LIMITED, GB
[85] 2019-03-22
[86] 2017-10-09 (PCT/GB2017/053047)
[87] (WO2018/069685)
[30] GB (1617202.5) 2016-10-10
[30] GB (1702897.8) 2017-02-23

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AN AEROSOL DELIVERY DEVICE WITH REPLACEABLE WICK AND HEATER ASSEMBLY**
[54] **DISPOSITIF DE DISTRIBUTION D'AEROSOL AVEC ENSEMBLE DISPOSITIF DE CHAUFFAGE ET MECHE REMPLACABLE**
[72] PHILLIPS, PERCY D., US
[72] ROGERS, JAMES WILLIAM, US
[72] BROWN, LISA E., US
[72] DEMOPOULOS, JAMES, US
[72] DAVIS, MICHAEL F., US
[72] MINSKOFF, NOAH MARK, US
[71] RAI STRATEGIC HOLDINGS, INC., US
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[54] **1-PHENYLPROPANONE COMPOUNDS AND USE THEREOF**
[54] **COMPOSES DE 1-PHENYLPROPANONE ET LEUR UTILISATION**
[72] ZAGOTTO, GIUSEPPE, IT
[72] RIBAUDO, GIOVANNI, IT
[72] BRUNATI, ANNA MARIA, IT
[72] PAGANO, MARIO ANGELO PRIMO, IT
[72] TIBALDI, ELENA, IT
[72] TRENTIN, LIVIO, IT
[71] UNIVERSITA' DEGLI STUDI DI PADOVA, IT
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[54] **PORTABLE SPIROMETER**
[54] **SPIROMETRE PORTATIF**
[72] KOLTOWSKI, LUKASZ, PL
[72] BAJTALA, PIOTR, PL
[71] HEALTHUP SP. Z O.O., PL
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[25] EN
[54] **EARLY DETECTION OF PRELIMINARY STAGES OF TESTICULAR GERM CELL TUMORS**
[54] **DETECTION PRECOCE DE STADES PRELIMINAIRES DE TUMEURS DE CELLULES GERMINALES TESTICULAIRES**
[72] SPIEKERMANN, MEIKE, DE
[72] WINTER, NINA, DE
[72] BELGE, GAZANFER, DE
[72] RADTKE, ARLO, DE
[71] MIRDETECT GMBH, DE
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[51] **Int.Cl. B65H 18/08 (2006.01)**
[25] EN
[54] **METHOD FOR MANAGING PRODUCTION AND PACKAGING LINES OF LOGS OF TISSUE PAPER AND LINE USING SAID METHOD**
[54] **PROCEDE DE GESTION DE CHAINES DE PRODUCTION ET D'EMBALLAGE DE RONDINS DE PAPIER SANITAIRE ET CHAINE UTILISANT LEDIT PROCEDE**
[72] PAGANELLI, LUCA, IT
[72] GHISELLI, DAVIDE, IT
[72] FRASNETTI, LUCA, IT
[71] FABIO PERINI S.P.A., IT
[85] 2019-03-22
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[25] EN
[54] **METHOD FOR SYNCHRONISING AN IDLER GEAR ON A GEARBOX SHAFT**
[54] **PROCEDE DE SYNCHRONISATION D'UN PIGNON FOU SUR UN ARBRE DE BOITE DE VITESSES**
[72] MERIENNE, LUDOVIC, FR
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-03-22
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[54] **BEVERAGE OR FOODSTUFF PREPARATION SYSTEM**
[54] **SYSTEME DE PREPARATION DE BOISSON OU D'ALIMENT**
[72] PERENTES, ALEXANDRE, CH
[72] SEYDOUX, LAURENT, CH
[71] NESTEC S.A., CH
[85] 2019-03-22
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[25] EN
[54] **APPARATUS FOR TISSUE REMOVAL**
[54] **APPAREIL D'ELIMINATION DE TISSU**
[72] LAVI, GILAD, IL
[72] GLOVINSKY, YOSEPH, IL
[72] SHMUKLER, VADIM, IL
[72] ISRAELI, NIR, IL
[71] TEL HASHOMER-MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD., IL
[71] SANOCULIS LTD., IL
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[25] EN
[54] **A METHOD AND AN APPARATUS FOR AN ENZYMATIC HYDROLYSIS, A LIQUID FRACTION AND A LIGNIN FRACTION**
[54] **PROCEDE ET APPAREIL POUR HYDROLYSE ENZYMATIQUE, FRACTION LIQUIDE ET FRACTION SOLIDE**
[72] TURUNEN, SAMI, FI
[72] TAMPER, JUHA, FI
[72] MIETTINEN, MAUNO, FI
[72] VENTOLA, MERI, FI
[71] UPM-KYMMENE CORPORATION, FI
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[25] EN
[54] **PHARMACEUTICAL COMBINATIONS OF HISTONE DEACETYLASE INHIBITOR AND PROTEASOME INHIBITOR OR IMMUNOMODULATORY DRUG FOR THE TREATMENT OF HEMATOLOGICAL CANCER**
[54] **COMBINAISONS PHARMACEUTIQUES D'INHIBITEUR DE L'HISTONE DESACETYLASE ET D'INHIBITEUR DU PROTEASOME OU DE MEDICAMENT IMMUNOMODULATEUR POUR LE TRAITEMENT D'UN CANCER HEMATOLOGIQUE**
[72] KIM, SOO JIN, KR
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2019-03-22
[86] 2017-09-29 (PCT/KR2017/011015)
[87] (WO2018/066946)
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[25] EN
[54] **BINDING MOLECULES THAT MODULATE A BIOLOGICAL ACTIVITY EXPRESSED BY A CELL**
[54] **MOLECULES DE LIAISON QUI MODULENT UNE ACTIVITE BIOLOGIQUE EXPRIMEE PAR UNE CELLULE**
[72] GEUIJEN, CECILIA ANNA WILHELMINA, NL
[72] THROSBY, MARK, NL
[72] DE KRUIF, CORNELIS ADRIAAN, NL
[72] KLOOSTER, RINSE, NL
[72] TACKEN, PAULUS JOHANNES, NL
[72] LOGTENBERG, TON, NL
[71] MERUS N.V., NL
[85] 2019-03-22
[86] 2017-09-22 (PCT/NL2017/050634)
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[25] EN
[54] **COMPOUND OR SALT THEREOF, ANTI-INFLAMMATORY AGENT, ANTI-CANCER AGENT AGAINST LUNG CANCER, METHOD OF PRODUCING COMPOUND OR SALTS THEREOF, METHOD OF TREATING INFLAMMATORY DISEASES AND METHOD OF TREATING LUNG CANCER**
[54] **COMPOSE OU SON SEL, AGENT ANTI-INFLAMMATOIRE, AGENT ANTICANCEREUX POUR LE CANCER DU POUMON, PROCEDE DE PRODUCTION DU COMPOSE OU SON SEL, PROCEDE DE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE, ET PROCEDE DE TRAITEMENT DU CANCER DU POUMON**
[72] TODA, NOBUHIRO, JP
[72] HIDAKA, YASUHIRO, JP
[72] HAYASHI, AKIYOSHI, JP
[72] NISHIZAWA, TAKASHI, JP
[72] NAKAMURA, SHINICHIRO, JP
[72] KANIE, OSAMU, JP
[72] YAMAGUCHI, YOSHIKI, JP
[71] TFK CO., LTD., JP
[85] 2019-03-22
[86] 2017-09-13 (PCT/JP2017/033144)
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[30] JP (2016-186116) 2016-09-23
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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **LIQUID STORAGE TANK FOR A VAPOUR PROVISION SYSTEM**
[54] **RESERVOIR DE STOCKAGE DE LIQUIDE POUR SYSTEME DE FOURNITURE DE VAPEUR**
[72] OTIABA, KENNY, GB
[72] LEADLEY, DAVID, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2019-03-19
[86] 2017-09-13 (PCT/GB2017/052687)
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[30] GB (1616430.3) 2016-09-28

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[13] A1
[51] **Int.Cl. E21B 33/134 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **TOP-DOWN SQUEEZE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ESQUICHE DESCENDANTE**
[72] STROHLA, NICHOLAS LEE, US
[72] GRAY, MATTHEW RYAN, US
[72] MOELLER, DANIEL KEITH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-22
[86] 2016-11-15 (PCT/US2016/061986)
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[25] EN
[54] **GAS DIFFUSION ELECTRODE AND FUEL CELL**
[54] **ELECTRODE DE DIFFUSION DE GAZ ET PILE A COMBUSTIBLE**
[72] SHIGETA, KAZUYO, JP
[72] URAI, JUNICHI, JP
[72] OKANO, YASUTAKA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2019-03-22
[86] 2017-09-15 (PCT/JP2017/033508)
[87] (WO2018/061833)
[30] JP (2016-190979) 2016-09-29

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[51] **Int.Cl. B07B 4/02 (2006.01) A01C 1/00 (2006.01) A01C 1/06 (2006.01) A01C 1/08 (2006.01)**
[25] EN
[54] **SEED FLOW CHAMBER FOR SEED CONDITIONING, PROCESSING, AND DRYING IN A TREATMENT SYSTEM**
[54] **CHAMBRE D'ECOULEMENT DE SEMENCES DESTINEE AU CONDITIONNEMENT, AU TRAITEMENT ET AU SECHAGE DE SEMENCES DANS UN SYSTEME DE TRAITEMENT**
[72] KAEB, PAUL A., US
[72] EDELMAN, MATTHEW J., US
[71] KSI CONVEYOR, INC., US
[85] 2019-03-22
[86] 2017-04-21 (PCT/US2017/028816)
[87] (WO2018/089043)
[30] US (62/419,757) 2016-11-09

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[51] **Int.Cl. B05C 5/02 (2006.01) B05C 11/10 (2006.01) B05B 12/00 (2018.01)**
[25] EN
[54] **APPLICATION DEVICE**
[54] **DISPOSITIF D'APPLICATION**
[72] HAYAMA, HIRONOBU, JP
[72] NABETA, TAKESHI, JP
[72] MOTOHASHI, TAKASHI, JP
[72] WATANABE, CHIKANORI, JP
[72] YAMAMURO, TAKASHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2019-03-22
[86] 2017-09-15 (PCT/JP2017/033568)
[87] (WO2018/056226)
[30] JP (2016-186213) 2016-09-23

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[51] **Int.Cl. G01G 19/08 (2006.01) B66F 9/12 (2006.01) B66F 17/00 (2006.01) G01G 19/12 (2006.01)**
[25] EN
[54] **SELF-COMPENSATING WEIGHT SENSING FORK BLADE ASSEMBLY**
[54] **ENSEMBLE DE LAME DE FOURCHE A DETECTION DE POIDS A AUTO-COMPENSATION**
[72] RICHARDS, LAWRENCE E., US
[71] CASCADE CORPORATION, US
[85] 2019-03-22
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[87] (WO2018/106281)
[30] US (15/370,540) 2016-12-06

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[51] **Int.Cl. H04N 21/434 (2011.01) H04H 20/86 (2009.01)**
[25] EN
[54] **RECEIVING DEVICE, TRANSMITTING DEVICE, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION, ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2019-03-22
[86] 2017-09-20 (PCT/JP2017/033798)
[87] (WO2018/066355)
[30] JP (2016-196107) 2016-10-04

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[25] EN
[54] **IDENTITY RECOGNITION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE RECONNAISSANCE D'IDENTITE**
[72] WANG, JIALEI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-03-22
[86] 2017-09-19 (PCT/CN2017/102213)
[87] (WO2018/054279)
[30] CN (201610851175.2) 2016-09-26

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[51] **Int.Cl. D04H 1/4234 (2012.01) B01D 39/20 (2006.01) D21H 13/48 (2006.01)**
[25] EN
[54] **COPPER FIBER NONWOVEN FABRIC**
[54] **ETOFFE NON TISSEE EN FIBRES DE CUIVRE**
[72] OKUMURA, KATSUYA, JP
[72] TSUCHIDA, MINORU, JP
[72] TSUDA, HAJIME, JP
[72] MURAMATSU, DAISUKE, JP
[71] TOMOEGAWA CO., LTD., JP
[85] 2019-03-22
[86] 2017-09-22 (PCT/JP2017/034341)
[87] (WO2018/056405)
[30] JP (2016-187232) 2016-09-26

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[25] EN
[54] **NEURAL NETWORK FOR EYE IMAGE SEGMENTATION AND IMAGE QUALITY ESTIMATION**
[54] **RESEAU NEURONAL POUR SEGMENTATION D'IMAGE D'OEIL ET ESTIMATION DE QUALITE D'IMAGE**
[72] SPIZHEVOY, ALEXEY, US
[72] KAEHLER, ADRIAN, US
[72] BADRINARAYANAN, VIJAY, US
[71] MAGIC LEAP, INC., US
[85] 2019-03-22
[86] 2017-05-25 (PCT/US2017/034482)
[87] (WO2018/063451)
[30] RU (2016138608) 2016-09-29

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[51] **Int.Cl. E01B 27/17 (2006.01) E01B 35/00 (2006.01)**
[25] EN
[54] **METHOD AND TRACK CONSTRUCTION MACHINE FOR CORRECTING DEFECTIVE TRACK POSITIONS**
[54] **PROCEDE ET ENGIN DE POSE DE VOIE PERMETTANT DE CORRIGER DES DEFAUTS DE GEOMETRIE DE LA VOIE**
[72] AUER, FLORIAN, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2019-03-22
[86] 2017-10-09 (PCT/EP2017/001187)
[87] (WO2018/082798)
[30] AT (A 504/2016) 2016-11-04

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[51] **Int.Cl. G08G 1/16 (2006.01) B60W 50/14 (2012.01) G01C 21/36 (2006.01)**
[25] EN
[54] **DRIVING ASSISTANCE METHOD AND DRIVING ASSISTANCE DEVICE**
[54] **PROCEDE D'AIDE A LA CONDUITE ET DISPOSITIF D'AIDE A LA CONDUITE**
[72] HIRAMATSU, MACHIKO, JP
[72] SUNDA, TAKASHI, JP
[72] JANG, HWASEON, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-03-22
[86] 2016-09-23 (PCT/JP2016/078040)
[87] (WO2018/055731)

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[51] **Int.Cl. G01G 19/393 (2006.01) G01G 19/387 (2006.01)**
[25] EN
[54] **WEIGHING DEVICE AND METHOD FOR WEIGHING A PRODUCT**
[54] **DISPOSITIF DE PESAGE ET PROCEDE PERMETTANT DE PESER UN PRODUIT**
[72] POLOMSKI, JURGEN, DE
[71] ESPERA-WERKE GMBH, DE
[85] 2019-03-22
[86] 2017-06-20 (PCT/EP2017/065079)
[87] (WO2018/054563)
[30] DE (10 2016 117 966.3) 2016-09-23

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[51] **Int.Cl. B22F 7/06 (2006.01) B22F 3/15 (2006.01) B22F 5/00 (2006.01) E21B 10/42 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACT WITH SINTERING AID COMPOUND, A COMPOUND FORMED FROM A SINTERING AID COMPOUND, OR A MIXTURE THEREOF**
[54] **COMPACT DE DIAMANT POLYCRISTALLIN COMPRENANT UN COMPOSE FACILITANT LE FRITTAGE, COMPOSE FORME A PARTIR D'UN COMPOSE FACILITANT LE FRITTAGE, OU UN MELANGE DE CES DERNIERS**
[72] SAINI, GAGAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-22
[86] 2016-10-27 (PCT/US2016/058979)
[87] (WO2018/080490)

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[51] **Int.Cl. C07D 257/02 (2006.01) A61K 49/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING THE CRYSTALLINE FORM OF MODIFICATION A OF CALCOBUTROL**
[54] **PROCEDE DE PRODUCTION DE LA FORME CRISTALLINE DE MODIFICATION A DE CALCOBUTROL**
[72] PLATZEK, JOHANNES, DE
[72] TRENTMANN, WILHELM, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2019-03-22
[86] 2017-09-11 (PCT/EP2017/072683)
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[30] EP (16190812.4) 2016-09-27

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[51] **Int.Cl. C23F 11/12 (2006.01) C10G 75/02 (2006.01) C10L 10/04 (2006.01)**
[25] EN
[54] **METAL CORROSION SUPPRESSING METHOD**
[54] **PROCEDE DE SUPPRESSION DE CORROSION METALLIQUE**
[72] SAITOU, YUUSUKE, JP
[72] SHIMIZU, MASAKI, JP
[72] TSURUTA, TAKUO, JP
[71] KURARAY CO., LTD., JP
[85] 2019-03-22
[86] 2017-09-27 (PCT/JP2017/034912)
[87] (WO2018/062254)
[30] JP (2016-187826) 2016-09-27

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[51] **Int.Cl. G01J 1/02 (2006.01) G01J 1/08 (2006.01) G02B 6/00 (2006.01)**
[25] EN
[54] **OPTICAL SYSTEM FOR COLLECTING DISTANCE INFORMATION WITHIN A FIELD**
[54] **SYSTEME OPTIQUE DE COLLECTE D'INFORMATIONS DE DISTANCE DANS UN CHAMP**
[72] PACALA, ANGUS, US
[72] FRICHTL, MARK, US
[71] OUSTER, INC., US
[85] 2019-03-22
[86] 2017-06-26 (PCT/US2017/039306)
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[30] US (15/276,532) 2016-09-26

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[13] A1
[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/60 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **USE OF DEGRADABLE METAL ALLOY WASTE PARTICULATES IN WELL TREATMENT FLUIDS**
[54] **UTILISATION DE PARTICULES DE DECHETS D'ALLIAGE METALLIQUE DEGRADABLES DANS DES FLUIDES DE TRAITEMENT DE PUITS**
[72] DUSTERHOFT, RONALD GLEN, US
[72] FRIPP, MICHAEL LINLEY, US
[72] NGUYEN, PHILIP D., US
[72] SINGH, DIPTI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-03-22
[86] 2016-10-28 (PCT/US2016/059464)
[87] (WO2018/080519)

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[13] A1
[51] **Int.Cl. F16D 25/08 (2006.01) F16H 48/19 (2012.01) B60K 17/02 (2006.01) B60K 17/16 (2006.01) F16D 13/52 (2006.01)**
[25] EN
[54] **INTEGRATED DISCONNECTING TWIN CLUTCH SYSTEM AND DUAL ACTION PISTON**
[54] **SYSTEME DE DOUBLE EMBRAYAGE A DEBRAYAGE INTEGRE ET PISTON A DOUBLE ACTION**
[72] KOCEVAR, MIKE, US
[72] OHNO, SHUN, JP
[72] EKONEN, TODD R., US
[72] HOLLAND, MITCHELL, US
[72] SWINGER, EVAN, US
[71] LINAMAR CORPORATION, CA
[85] 2019-03-21
[86] 2017-09-22 (PCT/US2017/052969)
[87] (WO2018/057899)
[30] US (62/398,164) 2016-09-22

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[13] A1
[51] **Int.Cl. D04B 21/18 (2006.01) D04B 21/16 (2006.01)**
[25] EN
[54] **WARP-KNITTED FABRIC**
[54] **TISSU TRICOTE A MAILLES JETEES**
[72] YOSHIDA, YUJI, JP
[72] KASHIMA, NORITO, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2019-03-22
[86] 2017-10-03 (PCT/JP2017/036001)
[87] (WO2018/066565)
[30] JP (2016-196106) 2016-10-04
[30] JP (2017-014474) 2017-01-30

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[13] A1
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[25] EN
[54] **COSMETIC COMPOSITION FOR NAILS, METHOD OF USING SAME, AND COSMETIC RESIN FOR NAILS**
[54] **COMPOSITION COSMETIQUE POUR ONGLES, SON PROCEDE D'UTILISATION, ET RESINE COSMETIQUE POUR ONGLES**
[72] IWAI, KAORU, JP
[72] BABA, MASAKI, JP
[71] MENICON CO., LTD., JP
[85] 2019-03-22
[86] 2017-09-25 (PCT/JP2017/036202)
[87] (WO2018/056472)
[30] JP (2016-185331) 2016-09-23

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[51] **Int.Cl. B01F 5/00 (2006.01) B01F 3/02 (2006.01) B01F 3/08 (2006.01) B01J 19/00 (2006.01) F28F 13/12 (2006.01)**
[25] EN
[54] **FLUID DISPERSING DEVICE AND HEAT TREATMENT DEVICE**
[54] **DISPOSITIF DE DISPERSION DE LIQUIDE ET DISPOSITIF DE TRAITEMENT THERMIQUE**
[72] TSUNODA, DAISUKE, JP
[72] SAKAKURA, SHIGEKI, JP
[72] HONMA, NOBUYUKI, JP
[72] SAKATA, TOSHIYUKI, JP
[72] TSURUGAYA, KOHEI, JP
[71] IHI CORPORATION, JP
[85] 2019-03-22
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[30] JP (2016-201655) 2016-10-13

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[25] EN
[54] **MICROWAVED MULTI-PLY STRUCTURES, MICROWAVED PACKAGES, AND METHODS OF STERILIZATION**
[54] **STRUCTURES MULTICOUCHES SOUMISES A DES MICRO-ONDES, EMBALLAGES SOUMIS A DES MICRO-ONDES ET PROCEDES DE STERILISATION**
[72] HOUCK, JUSTIN, US
[72] RAY, JAMES, US
[72] SAVARGAONKAR, NILESH, US
[71] PRINTPACK ILLINOIS, INC., US
[85] 2019-03-22
[86] 2017-06-30 (PCT/US2017/040246)
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[30] US (62/400,768) 2016-09-28

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[25] EN
[54] **PROCESS FOR DEWATERING AN AQUEOUS PROCESS STREAM**
[54] **PROCEDE DE DESHYDRATATION D'UN FLUX DE TRAITEMENT AQUEUX**
[72] GILLIS, PAUL A., US
[72] MOORE, JASON S., US
[72] POINDEXTER, MICHAEL K., US
[72] TUBBS, JASON A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-03-22
[86] 2017-09-14 (PCT/US2017/051474)
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[30] US (62/400,226) 2016-09-27

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[25] EN
[54] **SUSTAINED RELEASE FIBERS**
[54] **FIBRES A LIBERATION PROLONGEE**
[72] GIBSON, NATALIE, US
[72] FIELITZ, GLENN, US
[72] IVERSON, ISAAC, US
[71] INVISTA TEXTILES (U.K.) LIMITED, GB
[85] 2019-03-22
[86] 2017-08-09 (PCT/US2017/046090)
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[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR RESTORING GENE EXPRESSION IN NEUROPSYCHIATRIC OR NEURODEGENERATIVE DISORDERS**
[54] **COMPOSITIONS DE RESTAURATION DE L'EXPRESSION DES GENES DANS LES TROUBLES NEUROPSYCHIATRIQUES OU NEURODEGENERATIFS**
[72] SCHIPPER, HYMAN MORRIS, CA
[72] CRESSATTI, MARISA EMILY, CA
[72] GALINDEZ, CARMELA, CA
[72] TAVITIAN, AYDA, CA
[72] LIBERMAN, ADRIENNE, CA
[72] LINSEMAN, DANIEL A., US
[72] SONG, WEI, CA
[71] IMMUNOTEC INC., CA
[85] 2019-03-22
[86] 2017-09-19 (PCT/US2017/052269)
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[30] US (62/398,892) 2016-09-23

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[51] **Int.Cl. F16B 23/00 (2006.01) F16B 39/282 (2006.01)**
[25] EN
[54] **SELF-DRILLING, SELF-COUNTERSINKING FASTENER**
[54] **ELEMENT DE FIXATION AUTO-FOREUR AUTO-FRAISEUR**
[72] SCHEERER, DANIEL, US
[72] COLE, JAMES, US
[71] SFS INTEC HOLDING AG, CH
[85] 2019-03-22
[86] 2017-09-20 (PCT/US2017/052457)
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[30] US (62/398,143) 2016-09-22

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[25] EN
[54] **ROCK CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE DE ROCHE**
[72] LUGG, PETER A., AU
[72] KEECH, GEOFFREY W., AU
[71] JOY GLOBAL UNDERGROUND MINING LLC, US
[85] 2019-03-22
[86] 2017-09-22 (PCT/US2017/052879)
[87] (WO2018/057841)
[30] US (62/398,744) 2016-09-23
[30] US (62/398,834) 2016-09-23
[30] US (62/398,717) 2016-09-23

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[25] EN
[54] **CONFIGURABLE REMOTE BATTERY MONITOR**
[54] **MONITEUR DE BATTERIE A DISTANCE CONFIGURABLE**
[72] VAPURCUYAN, ALAN, US
[72] MASTROIANNI, EUGENE, US
[72] STRELECKI, PAUL RICHARD, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2019-03-22
[86] 2017-08-25 (PCT/US2017/048616)
[87] (WO2018/057233)
[30] US (15/276,555) 2016-09-26

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[51] **Int.Cl. F16G 11/04 (2006.01) B29C 45/14 (2006.01) B29C 65/00 (2006.01) B29C 70/84 (2006.01) B29C 70/88 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **INVERTED INJECTION METHOD OF AFFIXING A TERMINATION TO A TENSILE MEMBER**
[54] **PROCEDE D'INJECTION INVERSE DE FIXATION D'UNE TERMINAISON A UN ELEMENT DE TRACTION**
[72] CAMPBELL, RICHARD V., US
[72] DAVID, GLADWIN, US
[71] CAMPBELL, RICHARD V., US
[71] DAVID, GLADWIN, US
[85] 2019-03-22
[86] 2017-09-21 (PCT/US2017/052628)
[87] (WO2018/057686)
[30] US (62/398,716) 2016-09-23
[30] US (15/710,962) 2017-09-21

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[25] EN
[54] **MACHINE SUPPORTING ROCK CUTTING DEVICE**
[54] **DISPOSITIF DE COUPE DE ROCHE A SUPPORT DE MACHINE**
[72] LUGG, PETER A., AU
[72] KEECH, GEOFFREY W., AU
[72] REEVES, STUART, AU
[72] DAHER, NAGY, AU
[71] JOY GLOBAL UNDERGROUND MINING LLC, US
[85] 2019-03-22
[86] 2017-09-22 (PCT/US2017/052884)
[87] (WO2018/057845)
[30] US (62/398,834) 2016-09-23
[30] US (62/398,744) 2016-09-23
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[51] **Int.Cl. B23K 9/067 (2006.01) B23K 9/095 (2006.01) B23K 9/173 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WELDING WITH IMPROVED START**
[54] **PROCEDE ET APPAREIL DE SOUDAGE A DEMARRAGE AMELIORE**
[72] HOLVERSON, TODD, US
[72] DAVIDSON, ROBERT, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-03-22
[86] 2017-09-21 (PCT/US2017/052753)
[87] (WO2018/067318)
[30] US (15/286,148) 2016-10-05

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[25] EN
[54] **VALVE, SYSTEM AND METHOD FOR BRAKING A VEHICLE**
[54] **SOUPAPE, SYSTEME ET PROCEDE DE FREINAGE D'UN VEHICULE**
[72] NIGLAS, PAUL C., US
[72] TOBER, MICHAEL D., US
[72] HOWELL, DAVID W., US
[72] WIEDER, GERHARD, US
[72] MUSTAPHA, ADNAN, US
[72] ROETHER, FRIEDBERT, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2019-03-22
[86] 2017-09-22 (PCT/US2017/052912)
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[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **CONTACT LENS COMPRISING A LENTICULAR IN A SUPERIOR PORTION OF THE CONTACT LENS**
[54] **LENTILLE DE CONTACT COMPRENANT UN LENTICULAIRE DANS UNE PARTIE SUPERIEURE DE LA LENTILLE DE CONTACT**
[72] BAILEY, MELISSA D., US
[72] BARR, JOSEPH T., US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2019-03-22
[86] 2017-08-25 (PCT/US2017/048617)
[87] (WO2018/057234)
[30] US (15/274,159) 2016-09-23

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[51] **Int.Cl. H05K 7/20 (2006.01) F28D 1/04 (2006.01) F28D 1/047 (2006.01) F28D 1/053 (2006.01) F28D 21/00 (2006.01) F28F 1/02 (2006.01) G06F 1/20 (2006.01)**
[25] EN
[54] **COOLING SYSTEMS AND METHODS USING SINGLE-PHASE FLUID AND A FLAT TUBE HEAT EXCHANGER WITH COUNTER-FLOW CIRCUITING**
[54] **SYSTEMES ET PROCEDES DE REFROIDISSEMENT UTILISANT UN FLUIDE MONOPHASIQUE ET UN ECHANGEUR DE CHALEUR A TUBE PLAT A CIRCUIT A CONTRE-COURANT**
[72] ZHANG, MING, US
[72] NGUYEN, KEN, US
[72] SHAPIRO, DORON, US
[72] COSTAKIS, JOHN, US
[71] INERTECH IP LLC, US
[85] 2019-03-22
[86] 2017-08-28 (PCT/US2017/048969)
[87] (WO2018/039680)
[30] US (62/380,039) 2016-08-26
[30] US (62/383,878) 2016-09-06

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[51] **Int.Cl. A42C 5/04 (2006.01) A42B 1/00 (2006.01) A42B 1/02 (2006.01) A42B 1/04 (2006.01) A42B 1/06 (2006.01) A42B 3/28 (2006.01)**
[25] EN
[54] **COOLING HAT**
[54] **CHAPEAU DE RAFRAICHISSEMENT**
[72] CLARK, JOHNNIE, US
[71] CLARK, JOHNNIE, US
[85] 2019-03-22
[86] 2017-09-22 (PCT/US2017/053084)
[87] (WO2018/057976)
[30] US (62/399,081) 2016-09-23
[30] US (62/483,860) 2017-04-10
[30] US (15/713,474) 2017-09-22

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) A61K 35/74 (2015.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **IMMUNE RESPONSE MODULATION USING LIVE BIOTHERAPEUTICS, FOR CONDITIONS SUCH AS ALLERGY DESENSITIZATION**
[54] **MODULATION DE REACTION IMMUNITAIRE AU MOYEN DE PRODUITS BIOTHERAPEUTIQUES VIVANTS, DANS DES CONDITIONS TELLES QUE LA DESENSIBILISATION ALLERGIQUE**
[72] GILBERT, JACK A., US
[72] VAN DER LELIE, DANIEL, US
[72] TAGHAVI, SAFIYH, US
[71] THE UNIVERSITY OF CHICAGO, US
[71] GUSTO GLOBAL, LLC, US
[85] 2019-03-22
[86] 2017-09-22 (PCT/US2017/052988)
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[30] US (62/398,041) 2016-09-22

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[13] A1
[51] **Int.Cl. F16J 15/34 (2006.01)**
[25] EN
[54] **FACE SEAL WITH ENERGIZED LIP AND COUNTERFACE**
[54] **JOINT MECANIQUE A LEVRE EXCITEE ET CONTRE-FACE**
[72] KUPPER, DAVID G., US
[71] CATERPILLAR INC., US
[85] 2019-03-22
[86] 2017-09-13 (PCT/US2017/051269)
[87] (WO2018/057360)
[30] US (15/276,499) 2016-09-26

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[51] **Int.Cl. C12Q 1/68 (2018.01) B01L 7/04 (2010.01) B01L 3/00 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **SYSTEM FOR NUCLEIC ACID PREPARATION**
[54] **SYSTEME DE PREPARATION D'ACIDES NUCLEIQUES**
[72] STAHL, JOSHUA, US
[72] MYERS, JASON, US
[71] ARCHERDX, INC., US
[85] 2019-03-22
[86] 2017-09-22 (PCT/US2017/053050)
[87] (WO2018/057952)
[30] US (62/399,184) 2016-09-23
[30] US (62/399,205) 2016-09-23
[30] US (62/399,157) 2016-09-23
[30] US (62/399,152) 2016-09-23
[30] US (62/399,195) 2016-09-23
[30] US (62/398,841) 2016-09-23
[30] US (62/399,219) 2016-09-23
[30] US (62/399,211) 2016-09-23
[30] US (PCT/US2017/051927) 2017-09-15
[30] US (PCT/US2017/051924) 2017-09-15

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[13] A1
[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/416 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES USING INDAZOLYLBENZAMIDE DERIVATIVES FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIES UTILISANT DES DERIVES D'INDAZOLYLBENZAMIDE POUR LE TRAITEMENT DU CANCER**
[72] ORLEMANS, EVERARDUS O.M., US
[71] ESANEX, INC., US
[85] 2019-03-22
[86] 2017-09-25 (PCT/US2017/053266)
[87] (WO2018/058045)
[30] US (62/399,306) 2016-09-23

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[13] A1
[51] **Int.Cl. G06F 7/04 (2006.01) G06F 21/30 (2013.01)**
[25] EN
[54] **TECHNOLOGIES FOR ENHANCING COMPUTER SECURITY, VARIABLE WORD-LENGTH ENCODING, AND VARIABLE LENGTH DECODING**
[54] **TECHNOLOGIES POUR RENFORCER LA SECURITE INFORMATIQUE, CODAGE A LONGUEUR DE MOTS VARIABLE, ET DECODAGE A LONGUEUR VARIABLE**
[72] PENNY, BRIAN, US
[72] PENNY, DESMOND, US
[71] KARA PARTNERS LLC, US
[85] 2019-03-22
[86] 2017-09-25 (PCT/US2017/053254)
[87] (WO2018/058037)
[30] US (15/276,380) 2016-09-26
[30] US (15/407,908) 2017-01-17

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[13] A1
[51] **Int.Cl. E21F 17/00 (2006.01) E21B 47/00 (2012.01) G01V 1/00 (2006.01) G01V 1/18 (2006.01) G01V 1/22 (2006.01) G01V 1/28 (2006.01) G01V 3/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING GEOMETRIC CHANGE IN A SUBTERRANEAN STRUCTURE**
[54] **SYSTEME ET PROCEDE DE MESURE DE CHANGEMENT GEOMETRIQUE DANS UNE STRUCTURE SOUTERRAINE**
[72] BAKER, L., DOUGLAS, US
[72] THAYER, SCOTT M., US
[72] LUCEY, PAUL G., AU
[72] ROBERTS, DAMIEN G., AU
[71] MINE VISION SYSTEMS, INC., US
[85] 2019-03-22
[86] 2017-09-25 (PCT/US2017/053255)
[87] (WO2018/058038)
[30] US (62/399,023) 2016-09-23

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[13] A1
[51] **Int.Cl. A47B 47/05 (2006.01) A47B 47/03 (2006.01) A47B 77/00 (2006.01) A47B 96/00 (2006.01)**
[25] EN
[54] **CABINET SYSTEM AND METHOD FOR ASSEMBLING A CABINET SYSTEM**
[54] **SYSTEME DE COMMODE ET PROCEDE D'ASSEMBLAGE D'UN SYSTEME DE COMMODE**
[72] KNUTSON, JAMES, US
[72] SALTER, BOBBY L., US
[72] GONZALEZ, ARTURO, US
[72] IRONS, SHAWN, US
[71] SPG INTERNATIONAL LLC, US
[85] 2019-03-22
[86] 2017-08-29 (PCT/US2017/049149)
[87] (WO2018/044907)
[30] US (62/382,105) 2016-08-31

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[13] A1
[51] **Int.Cl. G09F 9/302 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **DISPLAY SYSTEM AND COMPONENTS**
[54] **SYSTEME ET COMPOSANTS D'AFFICHAGE**
[72] CIPPANT, KEVIN P., US
[72] GABEL, JONATHAN, US
[72] TURNER, JAMES A., US
[71] L-3 TECHNOLOGIES, INC., US
[85] 2019-03-22
[86] 2017-09-25 (PCT/US2017/053264)
[87] (WO2018/058043)
[30] US (62/399,093) 2016-09-23
[30] US (15/335,057) 2016-10-26

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[13] A1
[51] **Int.Cl. A21B 1/22 (2006.01) H05B 3/03 (2006.01) H05B 3/34 (2006.01)**
[25] EN
[54] **IMPROVED ELECTRICAL ENERGY TRANSFER SYSTEM FOR A WIRE MESH HEATER**
[54] **SYSTEME DE TRANSFERT D'ENERGIE ELECTRIQUE AMELIORE POUR UN DISPOSITIF DE CHAUFFAGE A GRILLAGE**
[72] DE LUCA, NICHOLAS P., US
[71] DE LUCA OVEN TECHNOLOGIES, LLC, US
[85] 2019-03-22
[86] 2017-08-31 (PCT/US2017/049652)
[87] (WO2018/045190)
[30] US (62/381,557) 2016-08-30

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[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) C02F 1/56 (2006.01) C02F 11/12 (2019.01) C02F 11/14 (2019.01) C10G 31/10 (2006.01) C10G 33/04 (2006.01) C10G 33/06 (2006.01)**
[25] EN
[54] **PROCESS FOR TAILINGS REMEDIATION**
[54] **PROCEDE DE REMEDIATION DE RESIDUS**
[72] ROSTRO, LIZBETH, US
[72] CHEN, WU, US
[72] GILLIS, PAUL A., US
[72] MOORE, JASON S., US
[72] POINDEXTER, MICHAEL K., US
[72] SINGH, HARPREET, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-03-22
[86] 2017-09-11 (PCT/US2017/050905)
[87] (WO2018/057325)
[30] US (62/398,615) 2016-09-23

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[13] A1
[51] **Int.Cl. H04B 1/38 (2015.01) G08B 21/02 (2006.01) H04R 1/08 (2006.01)**
[25] EN
[54] **TWO-WAY COMMUNICATION SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE COMMUNICATION BIDIRECTIONNELLE ET PROCEDE D'UTILISATION**
[72] PARE, MICHAEL, US
[71] SONITUS TECHNOLOGIES, INC., US
[85] 2019-03-22
[86] 2017-09-12 (PCT/US2017/051149)
[87] (WO2018/057347)
[30] US (62/398,390) 2016-09-22

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **MAPPING OF BREAST ARTERIAL CALCIFICATIONS**
[54] **SCHEMATISATION DE CALCIFICATIONS ARTERIELLES MAMMAIRES**
[72] DAUGHTON, WILLIAM SCOTT, US
[72] VU, HOANH X., US
[72] KARIMABADI, HOMAYOUN, US
[71] CUREMETRIX, INC., US
[85] 2019-03-22
[86] 2017-09-22 (PCT/US2017/053093)
[87] (WO2018/057984)
[30] US (62/399,209) 2016-09-23
[30] US (62/482,177) 2017-04-05

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[13] A1
[51] **Int.Cl. H04B 10/11 (2013.01) H04B 10/112 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEMODULATION OF FREE SPACE OPTICAL SIGNALS WITHOUT WAVEFRONT CORRECTION**
[54] **SYSTEMES ET PROCEDES DE DEMODULATION DE SIGNAUX OPTIQUES D'ESPACE LIBRE SANS CORRECTION DE FRONT D'ONDE**
[72] KOWALEVICZ, ANDREW, US
[72] GRACEFFO, GARY M., US
[72] DOLGIN, BENJAMIN P., US
[71] RAYTHEON COMPANY, US
[85] 2019-03-22
[86] 2017-09-27 (PCT/US2017/053667)
[87] (WO2018/064139)
[30] US (62/400,359) 2016-09-27

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 47/10 (2017.01) A61P 27/06 (2006.01)**
[25] EN
[54] **INTRACAMERAL DRUG DELIVERY DEPOTS**
[54] **DEPOTS POUR L'ADMINISTRATION DE MEDICAMENT EN INTRACAMERAL**
[72] SAWHNEY, AMARPREET S., US
[72] DRISCOLL, ARTHUR, US
[72] BLIZZARD, CHARLES D., US
[72] DESAI, ANKITA DARSHAN, US
[72] JARRETT, PETER, US
[71] INCEPT, LLC, US
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[54] **PROCEDES PERMETTANT D'AMELIORER LE TRAITEMENT PAR BLOCAGE DU POINT DE CONTROLE IMMUNITAIRE EN MODULANT LE MICROBIOME**
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[72] GOPALAKRISHNAN, VANCHESWARAN, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **FIL INTELLIGENT ET PROCEDE DE FABRICATION D'UN FIL CONTENANT UN DISPOSITIF ELECTRONIQUE**
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[72] MA, RAN, US
[72] SCHOLTEN, HENK JAN, US
[71] SIREN CARE, INC., US
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[54] **DISPOSITIF DE COMMANDE DE CHARGE POUR COMMANDER LE PILOTE D'UNE CHARGE D'ECLAIRAGE**
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[72] NEWMAN, ROBERT C., JR., US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
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[54] **PRE-POUR SLUMP MAXIMIZATION OF DELIVERED CONCRETE**
[54] **MAXIMISATION DE L'AFFAISSEMENT PRECOULEE DE BETON DISTRIBUE**
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[72] ROBERTS, MARK F., US
[72] TREGGER, NATHAN A., US
[72] CHUN, BYONG-WA, US
[72] HAZRATI, KATI, US
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[72] FAULKNER, DAKOTA, US
[72] MA, LUMIN, US
[71] FCI HOLDINGS DELAWARE, INC., US
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[54] **PROCEDE ET APPAREIL D'ECLAIRAGE HORTICOLE ET SYSTEMES OPTIQUES ASSOCIES**
[72] ADAMS, STEPHEN P., US
[72] TIDD, MEGAN M., US
[72] HEINER, JOHNATHAN J., US
[72] CARPENTER, DARIN M., US
[71] ILLUM HORTICULTURE LLC D/B/A SCYNCE, US
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[54] **RECEPTION DISCONTINUE DANS UN DISPOSITIF SANS FIL, ET RESEAU SANS FIL**
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[72] BABAEI, ALIREZA, US
[71] OFINNO TECHNOLOGIES, LLC, US
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[54] **IMMUNOTOXINES RECOMBINANTES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DU CANCER**
[72] KISHIMOTO, TAKASHI KEI, US
[71] SELECTA BIOSCIENCES, INC., US
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[54] **COMPOSITION DE PROCATALYSEUR REALISEE AVEC UNE COMBINAISON DE DONNEURS D'ELECTRONS INTERNES**
[72] ELDER, MICHAEL J., US
[72] EPSTEIN, RONALD A., US
[72] SPAIN, COURTNEY S., US
[72] BOYER, TIMOTHY A., US
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[54] **ENSEMBLE D'EMBALLAGE DE PRODUITS ALIMENTAIRES ET PROCEDES ASSOCIES**
[72] POLAK, MIECZYSLAW B., US
[71] KELLOGG COMPANY, US
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[72] ZACHERLE, MATTHEW E., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
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[54] **COMPOSES ET METHODES POUR LE TRAITEMENT DE L'INFLAMMATION**
[72] SCOTT, FIONA LORRAINE, US
[72] MEADOWS, KRISTEN R., TAYLOR, US
[72] PEACH, ROBERT, US
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[54] **COMBINAISONS D'INGREDIENTS ACTIFS SYNERGETIQUES RENFERMANT DU PENFLUFENE**
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[54] **UNE EXTENSION DE SIGNAL USB SECURISEE ET UN SYSTEME DE RESEAUTAGE SANS FIL SECURISE EMPLOYANT L'EXTENSION DE SIGNAL USB SECURISE ET UNE ANTENNE INTELLIGENTE**
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[72] HYNDMAN, ALEXANDER WILLIAM, CA
[72] RINGSTROM, JOHN PATRICK, CA
[72] SHARPE, JOHN, CA
[72] BARTLETT, DOUGLAS ROBERT, CA
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[54] **SYSTEMES ET PROCEDES POUR CONVOYAGE DE VEHICULES SEMI-AUTONOME**
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[72] GERDES, JOSEPH CHRISTIAN, US
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[54] **METHOD AND APPARATUS FOR DEPLOYING INDUSTRIAL PLANT SIMULATORS USING CLOUD COMPUTING TECHNOLOGIES**
[54] **PROCEDE ET APPAREIL POUR DEPLOYER DES SIMULATEURS D'USINES INDUSTRIELLES AU MOYEN DE LA TECHNOLOGIE DE L'INFONUAGIQUE**
[72] ABRUZERE, EUGENE, US
[72] KEPHART, RICHARD W., US
[72] SANCHEZ, HERMAN, US
[71] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
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[54] **RENDU, VISUALISATION ET ANNOTATION D'IMAGES PANORAMIQUES ET SES APPLICATIONS**
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[72] FILIP, DANIEL, US
[72] CHAU, STEPHEN, US
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[54] **APPAREIL AUDIO ET PROCEDE AUDIO CORRESPONDANT**
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[72] JO, HYUN, KR
[72] KIM, JEONG-SU, KR
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[54] **FORMULES LIPIDES RENFERMANT UN LIPIDE CATIONIQUE ET UN LIPIDE CIBLE RENFERMANT DE LA GALACTOSAMINE N-ACETYLE POUR LA LIVRAISON D'ACIDE NUCLEIQUE**
[72] AKINC, AKIN, US
[72] QUERBES, WILLIAM, US
[72] WONG, FRANCES, US
[72] DORKIN, JOSEPH ROBERT, US
[72] QIN, XIAOJUN, US
[72] CANTLEY, WILLIAM, US
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[54] **SYSTEME ET PROCEDE D'ANALYSE DE CONFIGURATION DE GROUPE PROPULSEUR**
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[71] NICOVENTURES HOLDINGS LIMITED, GB
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[54] **SYSTEMES ET PROCEDES DE COMMUNICATIONS MULTILINGUES MULTIUTILISATEURS**
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[72] ORSINI, FRANCOIS, US
[72] BOJJA, NIKHIL, US
[72] NEDUNCHEZHIAN, ARUN, US
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[71] QUADROSERA CORPORATION, CA
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[54] **PROCEDES DE CLASSIFICATION DE PLOIDIE PRENATALE NON INVASIVE**
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[72] HILL, MATTHEW, US
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[72] ZIMMERMAN, BERNHARD, US
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