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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

[41] - Open to Public Inspection Date
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[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
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[54] - Title of Invention
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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:

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

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

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

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

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

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

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

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

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

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

4. Late payment fee

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

Preliminary Examination

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

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

* International fees will be reduced by:

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

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

4. Taxe pour paiement tardif

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

Examen préliminaire

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

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

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

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

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

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

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

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

13. Énoncé de pratique

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

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

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

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

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

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

Offices.

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

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

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

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

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

14. Correspondence Procedures

Publication date: May 10, 2017
Amendment date: June 17, 2019

On this page:

This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography

14. Procédures de correspondance

Date de publication : 10 mai 2017
Date de modification : 17 juin 2019

Sur cette page :

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

1. Remise physique de correspondance et communications écrites à l'OPIC

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article

Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, 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

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

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.

3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, 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

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée 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 qui ne rencontre pas les 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 des frais devrait toujours être fourni 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 paiement des frais.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 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 Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and

1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) 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, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez

payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- 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, except statutory holidays

- Innovation, Science and Economic Development Canada
  Sun Life Building
  1155 Metcalfe Street, Room 950
  Montreal QC 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, except statutory holidays

- 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, except statutory holiday

- 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, except statutory holidays

- Innovation, Science and Economic Development Canada
  Library Square
  300 West Georgia Street, Suite 2000
  Vancouver BC V6B 6E1

prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée** et qu'**aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

- 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, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Édifice Sun Life
  1155, rue Metcalfe, bureau 950
  Montréal (Québec) H3B 2V6
  Tél. : 514-496-1797
  Sans frais : 1-888-237-3037

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- 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, à l'exception des jours fériés

- 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, à l'exception des jours fériés

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

Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

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

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

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

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 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 établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise 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 de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright

2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les

Regulations, subsection 10(3) 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 Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

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

Subsection 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

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

Correspondence delivered to the Commissioner of Patents 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.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au 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, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

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

Le paragraphe 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale, lorsque les bureaux de l’OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l’OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour ou l’OPIC l’a reçue (Heure de l’Est).

2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

2.1 Correspondance par télécopieur

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

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

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

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

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

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

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 by facsimile a document 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.

2.2 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

La correspondance en couleur par télécopieur (modèle **:** Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

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 désignés, sera considérée comme n’ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d’une procédure d’opposition ou de radiation en vertu de l’article 45 de la Loi **ne seront pas acceptés** en raison des inconvénients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission 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'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d’un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin 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 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

Pour l’application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux

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

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.

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks 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;
- registration of a trademark application;

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the

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

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.

Marques de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux 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,
- l'enregistrement d'une marque de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'application web en ligne de la Commission des oppositions

Trademarks Opposition Board's online web application:

Opposition proceedings before the Trademarks Opposition Board

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Section 45 proceedings before the Trademarks Opposition Board

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

des marques de commerce.

Procédures d'opposition devant la Commission des oppositions des marques de commerce

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

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 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.

Droits d'auteur

Pour l'application 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, notamment en accédant 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;
- 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 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office 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

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant 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

Pour l'application 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, notamment en accédant aux pages suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Note: all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

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 application itself or amendment(s) thereof.

2.3 Supports électroniques

Note : Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

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 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-

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-

R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

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 site 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;

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 des présentes 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

- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII

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

- 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

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

Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

Marques de commerce

Pour l'application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la section 2.2 des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d'un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d'un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L'image numérisée/stockée devrait être dans une résolution d'au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

4. General Information

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

4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Time Period Extensions

- Time period extensions under the Patent, Trademarks and Industrial Design Acts
- Time period extensions under the Copyright and Integrated Circuit Topography Acts
- Time period extensions under the Patent Cooperation

5. Prorogation des délais

- Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels
- Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés
- Prorogation des délais en vertu du le Traité de

Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

Designated days are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

Prescribed days under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;
- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

**If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public

Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1er janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;
- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

**Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

***Veuillez noter que les Bureaux sont ouverts au public le

(first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considéré avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou règlementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou règlementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including 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.

Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé^MC, ou par Xpresspost^MC 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 relativement aux 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 period extensions 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

Prolongations de délais prévus au 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

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.

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.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the WIPO website.

Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible sur le site web de l'OMPI.

6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to

6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de

remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

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.

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 with respect to service interruptions on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). 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 deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

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.

En situation d'urgence, les systèmes d'information et de recherche resteront, 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 situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre page d'interruptions des services, lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance. Il est toujours possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA^MC^, Mastercard^MC^ ou American Express^MC^ ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'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.

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec

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 to the public 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 Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks 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 is required in certain cases.

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
- Trademarks Act
- Trademarks Regulations

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 9, 2019 contains applications open to public inspection from June 23, 2019 to June 29, 2019.

l'Office

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

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

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 prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai 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 est exigé dans certains cas.

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
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 9 juillet 2019 contient les demandes disponibles au public pour consultation pour la période du 23 juin 2019 au 29 juin 2019.

Canadian Patents Issued

July 9, 2019

Brevets canadiens délivrés

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[54] **ANHYDROUS CONVERSION OF METHANE AND OTHER LIGHT ALKANES INTO METHANOL AND OTHER DERIVATIVES, USING RADICAL PATHWAYS AND CHAIN REACTIONS WITH MINIMAL WASTE PRODUCTS**
[54] **CONVERSION ANHYDRE DE METHANE ET D'AUTRES ALCANES LEGERS EN METHANOL ET D'AUTRES DERIVES AU MOYEN DE TRAJETS DE RADICAUX ET DE REACTIONS EN CHAINE PRODUISANT UN MINIMUM DE DECHETS**
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[54] **METHOD, APPARATUS AND INTERFACE FOR TRADING MULTIPLE TRADEABLE OBJECTS**
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[54] **METHOD AND BIOREACTOR FOR GENERATING EX VIVO TISSUE MATRIX**
[54] **METHODE ET BIOREACTEUR POUR LA GENERATION D'UN SYSTEME TISSULAIRE EX VIVO**
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[54] **GENERATEUR DE VAPEUR ROTATIF A CONTACT DIRECT POUR LA PRODUCTION DE VAPEUR AU MOYEN D'EAU DE QUALITE MEDIOCRE ET SANS DECHARGE DE LIQUIDE**
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[54] **PAD, PAD HOLDER, ASSEMBLY, AND METHOD FOR PRODUCING A BEVERAGE**
[54] **DOSETTE, ENSEMBLE DE SUPPORT ET PROCEDE CONNEXE POUR PRODUIRE UNE BOISSON**
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[54] **REGULATED GENETIC SUICIDE MECHANISM COMPOSITIONS AND METHODS**
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[54] **ARCHITECTURE DE RESEAU A FIBRES OPTIQUES DOTE DE TERMINAUX DE CONNEXION OPTIQUE DISPOSES DANS UN AGENCEMENT EN SERIE**
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[54] **DISTRIBUTEUR SPIRALE, FILIERE, GAMME DE PELLICULE TUBULAIRE SOUFFLEE, METHODE DE FABRICATION D'UNE PELLICULE SOUFFLEE ET PELLICULE SOUFFLEE AINSI FABRIQUEE**
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[54] **PROCEDE ET SYSTEME DE GESTION DES DECLENCHEURS DANS UN ENVIRONNEMENT DE TELEVISION INTERACTIVE**
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[72] RUIZ-CARRILLO, ROGER, CA
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[54] **COMPOSITIONS RENFERMANT DES ANTAGONISTES DU RECEPTEUR FP ET LEUR UTILISATION POUR INHIBER LA CROISSANCE DES POILS**
[72] DELONG, MITCHELL A., US
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[54] **SIMULATION DU PROCEDE DE FERMENTATION**
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[72] KARBHARI, PRASHANT R., US
[72] LIN, WEN-JING, US
[73] SCHNEIDER ELECTRIC SOFTWARE, LLC, US
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[72] CHAVAN, VINAYAK MANOHAR, IN
[72] KHODAPE, YUVRAJ TOTARAM, IN
[72] SATHYANARAYANA, ASHOK ALILUGHATTA, IN
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[72] ZALZMAN, MICHAL, US
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[54] **DISPOSITIF DE FORAGE MOBILE ET UNE METHODOLOGIE POUR L'INSTALLATION DU DISPOSITIF**
[72] ADVOCAAT, JAN-DIEDERIK, NO
[72] HERMSTAD, JON, NO
[72] JENSSEN, DAG NIKOLAI, NO
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[54] **PROCEDES DE FABRICATION D'ACCUMULATEURS SECONDAIRES AU LITHIUM ET DE FILMS COLLECTEURS DE COURANT POUR ACCUMULATEURS SECONDAIRES AU LITHIUM, ET FILM COLLECTEUR DE COURANT POUR ACCUMULATEUR SECONDAIRE AU LITHIUM**
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[72] KRUCKENBERG, CHRISTOPHER A., US
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[72] ARMAND, YVES, FR
[72] LE DRAPPIER, CHRISTOPHE, FR
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[54] **WELDED, LAMINATED APPARATUS, METHODS OF MAKING, AND METHODS OF USING THE APPARATUS**
[54] **APPAREIL SOUDE ET STRATIFIE, PROCEDE DE FABRICATION, ET PROCEDES D'UTILISATION DE L'APPAREIL**
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[54] **SYSTEME DE CONVOYEUR ET PROCEDE DE TRIAGE DE PAQUETS**
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[72] DUNLOP, JOHN M., US
[73] LAITRAM, L.L.C., US
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[54] **UTILISATION THERAPEUTIQUE DE LA PROTEINE .BETA.2M**
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[72] RAKOTOARIVELO, CLOVIS, FR
[73] BETA INNOV, FR
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[54] **PROCEDE DE PRODUCTION D'ANHYDRIDES**
[72] TILLEY, SIMON NICHOLAS, GB
[73] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
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[54] **INTERESTS AND DEMOGRAPHICS PROFILE FOR ADVANCED BROADCAST SERVICES**
[54] **CENTRES D'INTERET ET PROFIL DEMOGRAPHIQUE POUR DES SERVICES DE DIFFUSION EVOLUES**
[72] EYER, MARK, US
[73] SONY CORPORATION, JP
[85] 2012-09-28
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[25] EN
[54] **ORTHOPEDIC FIXATION WITH IMAGERY ANALYSIS**
[54] **FIXATION ORTHOPEDIQUE DOTEE D'UNE ANALYSE DES IMAGES**
[72] NIKONOVAS, ARKADIJUS, GB
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2012-10-10
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[25] EN
[54] **TARGET FOR SPARK VAPORIZATION WITH PHYSICAL LIMITING OF THE PROPAGATION OF THE SPARK**
[54] **CIBLE POUR EVAPORATION PAR ARC COMPRENANT UNE DELIMITATION SPATIALE DE LA PROPAGATION DE L'ARC**
[72] KRASSNITZER, SIEGFRIED, AT
[72] HAGMANN, JUERG, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2012-10-15
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[54] **OIL HUB CAP**
[54] **CACHE-MOYEU**
[72] LEUNG, ARTHUR, CA
[73] CIMMASTER INC., CA
[86] (2797171)
[87] (2797171)
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[25] EN
[54] **APPARATUS AND KIT FOR ENCAPSULATING AT LEAST ONE COMPOUND FOR THERAPEUTIC AND/OR DIAGNOSTIC USE IN ERYTHROCYTES**
[54] **APPAREIL ET KIT D'ENCAPSULATION D'AU MOINS UN COMPOSE A USAGE THERAPEUTIQUE ET/OU DIAGNOSTIQUE DANS DES ERYTHROCYTES**
[72] MAMBRINI, GIOVANNI, IT
[72] SERAFINI, SONJA, IT
[73] ERYDEL S.P.A., IT
[85] 2012-10-23
[86] 2011-04-26 (PCT/IB2011/000891)
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[25] EN
[54] **MACHINE-ACTUATED AND REMOVABLE SAFETY CLOSURE WITH ANTI-ROTATION AND MACHINE-RELEASED HOLDER**
[54] **FERMETURE DE SECURITE AMOVIBLE ET ACTIONNEE PAR MACHINE DOTEE D'UN SUPPORT ANTI-ROTATION ET DETECTE PAR MACHINE**
[72] GRESH, BRIAN M., US
[72] WILSON, BUDDY A., US
[73] TDW DELAWARE, INC., US
[85] 2012-12-05
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[54] **METABOLIC BIOMARKERS OF AUTISM**
[54] **BIOMARQUEURS METABOLIQUES DE L'AUTISME**
[72] CEZAR, GABRIELA GEBRIN, US
[72] SMITH, ALAN M., US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[73] STEMINA BIOMARKER DISCOVERY, INC., US
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[54] **PROTHESE DE VALVULE MITRALE TRANSCATHETER**
[72] LANE, RANDY MATTHEW, CA
[72] NYULI, COLIN A., CA
[73] NEOVASC TIARA INC., CA
[85] 2012-10-30
[86] 2011-05-04 (PCT/CA2011/000662)
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[25] EN
[54] **AMINOPYRIMIDINE DERIVATIVES AS LRRK2 MODULATORS**
[54] **DERIVES D'AMINOPYRIMIDINE AU TITRE DE MODULATEURS DE LRRK2**
[72] BAKER-GLENN, CHARLES, GB
[72] BURDICK, DANIEL JON, US
[72] CHAMBERS, MARK, GB
[72] CHAN, BRYAN K., US
[72] CHEN, HUIFEN, US
[72] ESTRADA, ANTHONY, US
[72] GUNZNER, JANET L., US
[72] SHORE, DANIEL, US
[72] SWEENEY, ZACHARY KEVIN, US
[72] WANG, SHUMEI, US
[72] ZHAO, GUILING, US
[73] GENENTECH, INC., US
[85] 2012-10-30
[86] 2011-06-01 (PCT/EP2011/059009)
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF CHIRAL HYDRAZIDES**
[54] **PROCEDE DE PREPARATION D'HYDRAZIDES CHIRAUX**
[72] ALBERT, MARTIN, AT
[72] DE SOUZA, DOMINIC, AT
[72] SALCHENEGGER, JOERG, AT
[72] OBERHUBER, MICHAEL, IT
[73] SANDOZ AG, CH
[85] 2012-10-31
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[25] EN
[54] **NOVEL IMMUNOMODULATOR AND ANTI-INFLAMMATORY COMPOUNDS**
[54] **NOUVEAUX COMPOSES IMMUNOMODULATEURS ET ANTI-INFLAMMATOIRES**
[72] MUTHUPPALANIAPPAN, MEYYAPPAN, IN
[72] BHAVAR, PRASHNANT KASHINATH, IN
[72] VISWANADHA, SRIKANT, IN
[72] VAKKALANKA, SWAROOP KUMAR V.S., IN
[72] MERIKAPUDI, GAYATRI SWAROOP, IN
[73] INCOZEN THERAPEUTICS PVT. LTD., IN
[73] RHIZEN PHARMACEUTICALS S.A., CH
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[86] 2011-05-06 (PCT/IB2011/000959)
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[25] EN
[54] **GAS TURBINE ENGINE BEARING CHAMBER SEALS**
[54] **JOINTS D'ETANCHEITE DE BOITIER DE PALIER POUR TURBINE A GAZ**
[72] HEATON, PETER ELLISON, GB
[72] BOLGAR, CRISPIN DAVID, GB
[73] ROLLS-ROYCE PLC, GB
[86] (2798841)
[87] (2798841)
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[51] **Int.Cl. A61B 18/14 (2006.01)**
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[54] **SURGICAL INSTRUMENTS AND END EFFECTORS THEREFOR**
[54] **INSTRUMENTS CHIRURGICAUX ET ORGANES TERMINAUX EFFECTEURS ASSOCIES**
[72] WEIZMAN, PATRICK A., US
[72] ALDRIDGE, JEFFREY L., US
[72] BANKS, RAYMOND M., US
[72] BECKMAN, ANDREW T., US
[72] CUMMINGS, JOHN F., US
[72] DIETZ, TIMOTHY G., US
[72] FALLER, CRAIG N., US
[72] GIORDANO, JAMES R., US
[72] HARRIS, JASON L., US
[72] HUANG, ZHIFAN F., US
[72] JOHNSON, GREGORY W., US
[72] KIMBALL, CORY G., US
[72] MALAVIYA, PRASANNA, US
[72] MILLER, MATTHEW C., US
[72] MIREL, AL, US
[72] NORVELL, DAVID K., US
[72] SCHALL, CHRISTOPHER J., US
[72] SHELTON, FREDERICK E., IV, US
[72] STULEN, FOSTER B., US
[72] SWAYZE, JEFFREY S., US
[72] WHITE, BRADLEY E., US
[72] WIDENHOUSE, TAMARA, US
[72] WITT, DAVID A., US
[72] BERNATH, STEVE G., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2012-11-15
[86] 2011-05-16 (PCT/US2011/036617)
[87] (WO2011/146377)
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[51] **Int.Cl. E05B 47/00 (2006.01) E05B 47/06 (2006.01)**
[25] EN
[54] **LOCKING DEVICE WITH BLOCKING MEMBER, CATCH AND CONTROL MEMBER**
[54] **DISPOSITIF DE VERROUILLAGE A ELEMENT DE BLOCAGE, LOQUET ET ELEMENT DE COMMANDE**
[72] STENDAL, JAN, SE
[73] STENDALS EL AB, SE
[85] 2012-11-20
[86] 2011-06-16 (PCT/SE2011/050751)
[87] (WO2011/159243)
[30] SE (1050625-1) 2010-06-17

[11] **2,800,495**
[13] C
[51] **Int.Cl. C08F 2/40 (2006.01) C08F 12/08 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INHIBITING VINYL AROMATIC MONOMER POLYMERIZATION**
[54] **PROCEDES ET COMPOSITIONS POUR INHIBER LA POLYMERISATION D'UN MONOMERE AROMATIQUE VINYLIQUE**
[72] RAI, VINOD KUMAR, IN
[72] ELDIN, SHERIF, US
[72] KING, MARY, US
[72] LINK, JOHN, US
[72] SUBBIAH, ALAGARSAMY A., IN
[72] HERRINGTON, H. KELLY, US
[73] BL TECHNOLOGIES, INC., US
[85] 2012-11-22
[86] 2011-05-10 (PCT/US2011/035934)
[87] (WO2011/152961)
[30] US (12/793,226) 2010-06-03

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[13] C
[51] **Int.Cl. H01H 71/52 (2006.01) H01H 71/12 (2006.01)**
[25] EN
[54] **ENCLOSED SWITCH INCLUDING A SHUNT TRIP MECHANISM**
[54] **COMMUTATEUR ENFERME COMPORTANT UN MECANISME A DECLENCHEUR DE DERIVATION**
[72] PROHASKA, RICHARD D., US
[72] ENSLEY, JEFFREY B., US
[73] EATON INTELLIGENT POWER LIMITED, IE
[86] (2802255)
[87] (2802255)
[22] 2013-01-17
[30] US (13/402,152) 2012-02-22

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[51] **Int.Cl. A61B 5/145 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **METHOD AND/OR SYSTEM FOR DETERMINING BLOOD GLUCOSE REFERENCE SAMPLE TIMES**
[54] **PROCEDE ET/OU SYSTEME PERMETTANT DE DETERMINER DES DUREES D'OBTENTION D'ECHANTILLONS DE REFERENCE DE GLYCEMIE**
[72] GOTTLIEB, REBECCA K., US
[72] RAMACHANDRAN, MEENA, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2012-12-10
[86] 2011-06-30 (PCT/US2011/042560)
[87] (WO2012/006208)
[30] US (61/361,876) 2010-07-06
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[51] **Int.Cl. A61F 2/14 (2006.01) A61F 9/00 (2006.01) A61L 27/14 (2006.01) A61N 1/02 (2006.01)**
[25] EN
[54] **ULTRA-HIGH PHOTOSENSITIVITY VERTICAL NANOWIRE ARRAYS FOR RETINAL PROSTHESIS**
[54] **RESEAUX DE NANOFILS VERTICAUX A PHOTOSENSIBILITE ULTRA HAUTE DESTINES A UNE PROTHESE RETINIENNE**
[72] KHRAICHE, MASSOUD L., US
[72] SILVA, GABRIEL A., US
[72] CAUWENBERGHS, GERT, US
[72] LO, YU-HWA, US
[72] WANG, DELI, US
[72] FREEMAN, WILLIAM, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2012-12-19
[86] 2011-06-21 (PCT/US2011/041293)
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[30] US (61/356,655) 2010-06-21

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[51] **Int.Cl. A01C 7/08 (2006.01)**
[25] EN
[54] **PARTICULATE MATERIAL DELIVERY SYSTEM FOR VARIABLE RATE SECTIONAL CONTROL**
[54] **SYSTEME DE DISTRIBUTION DE MATIERES PARTICULAIRES POUR COMMANDE MODULAIRE A DEBIT VARIABLE**
[72] HENRY, JAMES W., CA
[72] PETRUIC, MATTHEW, CA
[72] STUART, GRAHAM, CA
[72] WOLOWSKI, EVAN, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2803403)
[87] (2803403)
[22] 2013-01-22
[30] US (61/589,565) 2012-01-23
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[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) C11B 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PYROLYSIS OF A BIOMASS**
[54] **PROCEDE ET INSTALLATION DE PYROLYSE POUR BIOMASSE**
[72] BARTEK, ROBERT, US
[72] CORDLE, RONALD LEE, US
[73] KIOR INC., US
[85] 2013-01-02
[86] 2011-06-30 (PCT/US2011/042592)
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[30] US (12/838,629) 2010-07-19

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[51] **Int.Cl. A62B 35/00 (2006.01) A41B 1/00 (2006.01) A41D 13/00 (2006.01) A61F 5/37 (2006.01)**
[25] FR
[54] **RESTRAINT JACKET**
[54] **GILET DE CONTRAINTE**
[72] ARGENTINO, GIOVANNI, CA
[73] ARGENTINO, GIOVANNI, CA
[86] (2804708)
[87] (2804708)
[22] 2013-01-29

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[13] C
[51] **Int.Cl. C07D 213/73 (2006.01) A61K 31/44 (2006.01) C07D 237/20 (2006.01) C07D 239/42 (2006.01) C07D 241/20 (2006.01) C07D 253/07 (2006.01) C07D 261/14 (2006.01) C07D 263/48 (2006.01) C07D 271/07 (2006.01) C07D 271/113 (2006.01) C07D 277/40 (2006.01) C07D 285/12 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **ARYLCYCLOPROPYLAMINE BASED DEMETHYLASE INHIBITORS OF LSD1 AND THEIR MEDICAL USE**
[54] **INHIBITEURS DE DEMETHYLASE LSD1 BASE D'ARYCLCYCLOPROPYLAMINE ET LEUR UTILISATION MEDICALE**
[72] ORTEGA MUNOZ, ALBERTO, ES
[72] FYFE, MATTHEW COLIN THOR, ES
[72] MARTINELL PEDEMONTE, MARC, ES
[72] TIRAPU FERNANDEZ DE LA CUESTA, INIGO, ES
[72] ESTIARTE-MARTINEZ, MARIA DE LOS ANGELES, ES
[73] ORYZON GENOMICS S.A., ES
[85] 2013-01-18
[86] 2011-07-27 (PCT/EP2011/062949)
[87] (WO2012/013728)
[30] EP (10171342.8) 2010-07-29
[30] EP (11160738.8) 2011-03-31
[30] EP (11160731.3) 2011-03-31
[30] EP (11160728.9) 2011-03-31

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[13] C
[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **AUTOMATED UNPACKING OF PORTABLE EXECUTABLE FILES**
[54] **DEGROUPAGE AUTOMATISE DE FICHIERS EXECUTABLES PORTATIFS**
[72] PERICIN, TOMISLAV, RS
[73] REVERSINGLABS CORPORATION, US
[85] 2013-01-23
[86] 2010-07-29 (PCT/US2010/043666)
[87] (WO2011/014625)
[30] US (61/229,497) 2009-07-29

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[25] EN
[54] **RADIOPAQUE SHAPE MEMORY POLYMERS FOR MEDICAL DEVICES**
[54] **POLYMERES A MEMOIRE DE FORME RADIO-OPAQUES DESTINES A DES DISPOSITIFS MEDICAUX**
[72] GOODRICH, STEPHEN DEAN, US
[72] LYONS, MICHAEL, US
[72] CASTLEBERRY, JEFFREY PAUL, US
[73] ENDOSHAPE, INC., US
[85] 2013-01-30
[86] 2011-08-05 (PCT/US2011/046829)
[87] (WO2012/019145)
[30] US (61/371,530) 2010-08-06

[11] **2,808,810**
[13] C
[51] **Int.Cl. F28D 5/00 (2006.01) F24F 11/77 (2018.01) F24F 5/00 (2006.01) F24F 6/00 (2006.01)**
[25] EN
[54] **WETTING OF EVAPORATIVE COOLER PADS**
[54] **HUMIDIFICATION DE COUSSINETS DE REFROIDISSEUR PAR EVAPORATION**
[72] GILBERT, ROB, AU
[73] F.F. SEELEY NOMINEES PTY. LTD, AU
[86] (2808810)
[87] (2808810)
[22] 2013-03-07
[30] AU (2012900922) 2012-03-08

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[13] C
[51] **Int.Cl. B01D 53/00 (2006.01) B01D 53/24 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **REFINING SYSTEM AND METHOD FOR REFINING A FEED GAS STREAM**
[54] **SYSTEME DE RAFFINAGE ET PROCEDE DE RAFFINAGE D'UN COURANT DE GAZ D'ALIMENTATION**
[72] BETTING, MARCO, NL
[72] VAN BAKEL, ROBERT PETRUS, NL
[72] TJEENK WILLINK, CORNELIS ANTONIE, NL
[72] SHETTAR, SANTOSH, NL
[73] TWISTER B.V., NL
[85] 2013-03-01
[86] 2011-09-02 (PCT/NL2011/050602)
[87] (WO2012/030223)
[30] NL (PCT/NL2010/050557) 2010-09-03

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[13] C
[51] **Int.Cl. C12P 7/10 (2006.01) C08B 1/00 (2006.01) C12P 19/00 (2006.01) C12P 19/14 (2006.01) C13K 1/02 (2006.01) D21C 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING BIOETHANOL BY ENZYMATIC HYDROLYSIS OF CELLULOSE**
[54] **PROCEDE DE PRODUCTION DE BIOETHANOL PAR HYDROLYSE ENZYMATIQUE DE CELLULOSE**
[72] DELMAS, MICHEL, FR
[72] BENJELLOUN MLAYAH, BOUCHRA, FR
[73] COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE - CIMV, FR
[85] 2013-03-05
[86] 2011-10-05 (PCT/EP2011/067391)
[87] (WO2012/049054)
[30] FR (1058327) 2010-10-13

[11] **2,813,004**
[13] C
[51] **Int.Cl. H02G 5/06 (2006.01) H02B 1/16 (2006.01)**
[25] EN
[54] **BUSBAR TRUNKING UNIT AND BUSBAR TRUNKING SYSTEM COMPRISING A BUSBAR TRUNKING UNIT**
[54] **COFFRET DE BARRES CONDUCTRICES ET SYSTEME DE CANALISATIONS PREFABRIQUEES COMPRENANT UN COFFRET DE BARRES CONDUCTRICES**
[72] BERTELS, FRANK, DE
[72] WELLNER, OLAF, DE
[72] FRANKE, RALF, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2013-03-19
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[54] **MATERIAU DE FILTRATION UTILISANT DES MELANGES DE FIBRES QUI CONTIENNENT DES FIBRES AYANT UNE FORME STRATEGIQUE ET/OU DES AGENTS PERMETTANT DE SUPPRIMER LES CHARGES**
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[54] **PROCEDE DE PREPARATION D'UN GEL RETICULE**
[72] MEUNIER, STEPHANE, FR
[72] BOURDON, FRANCOIS, FR
[73] TEOXANE, CH
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[54] **COMPOSES ET LEUR UTILISATION**
[72] UDAYAMPALAYAM PALANISAMY, SENTHILKUMAR, IN
[72] PAUL-SATYASEELA, MANEESH, IN
[72] NARAYANAN, SHRIDHAR, IN
[72] BALASUBRAMANIAN, GOPALAN, IN
[72] APPU, ARAVIND, IN
[72] MANICKAM, SENTHILNATHAN, IN
[72] PERIASAMY, HARIHARAN, IN
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[54] **VALVE UNIDIRECTIONNELLE POUR LIGNES DE PERFUSION**
[72] GUALA, GIANNI, IT
[73] INDUSTRIE BORLA S.P.A., IT
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[72] GONZENBACH, URS THOMAS, CH
[72] STURZENEGGER, PHILIP NOAH, CH
[72] KRAUS JUILLERAT, FRANZISKA, CH
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[72] SETTY, SRINIVAS R., IN
[72] BOBBA, ARAVINDA R., IN
[73] ZIMMER, INC., US
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[72] AULD, JACK, US
[72] MCDONELL, BRIAN WILLIAM, US
[72] WHEATLEY, BARRY LYNN, US
[73] ALCON RESEARCH, LTD., US
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[54] **APPARATUS AND METHOD FOR CONTROLLING MOISTURE IN THE MANUFACTURE OF GLASS FIBER INSULATION**
[54] **APPAREIL ET PROCEDE PERMETTANT DE REGULER L'HUMIDITE LORS DE LA FABRICATION D'UN ISOLANT EN FIBRE DE VERRE**
[72] MIRTH, DAVID R., US
[72] GEIGER, STEVE, US
[72] BLACKWOOD, SCOTT, US
[72] INGLIS, FRANK BRUCE, CA
[72] BURN, TERRY, US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **POLYTHERAPIE**
[72] PFLEGER, KEVIN DONALD GEORGE, AU
[72] MCCALL, ELIZABETH, AU
[72] WILLIAMS, JAMES, AU
[73] DIMERIX BIOSCIENCE PTY LTD, AU
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[54] **TUYAU SOUPLE NON COLLE**
[72] KASSOW, KRISTIAN, DK
[72] GLEJBOL, KRISTIAN, DK
[73] NATIONAL OILWELL VARCO DENMARK I/S, DK
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[54] **GLYCOLS EN TANT QU'AGENTS D'INACTIVATION DE PATHOGENES**
[72] CHTOUROU, SAMI, FR
[73] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
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[54] **IDENTITY VERIFICATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE VERIFICATION D'IDENTITE**
[72] OBREGON, LUIS, US
[72] MAHENDRAKAR, ALKA, US
[72] CHEN, KEHANG, US
[73] TRANSUNION LLC, US
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[54] **A PATCH AND PATCH PREPARATION COMPRISING A SUPPORT AND ADHESIVE LAYER**
[54] **UNE PIECE ADHESIVE ET UNE PREPARATION DE PIECE ADHESIVE RENFERMANT UN SUPPORT ET UNE COUCHE ADHESIVE**
[72] NISHIMURA, MASATO, JP
[72] IWAO, YOSHIHIRO, JP
[72] OKADA, KATSUHIRO, JP
[72] MATSUOKA, KENSUKE, JP
[73] NITTO DENKO CORPORATION, JP
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[54] **WARNING AND MESSAGE DELIVERY AND LOGGING SYSTEM UTILIZABLE IN THE MONITORING OF FALL ARRESTING AND PREVENTION DEVICES AND METHOD OF SAME**
[54] **SYSTEME D'AVERTISSEMENT, DE DISTRIBUTION DE MESSAGE ET DE JOURNALISATION UTILISABLE POUR SURVEILLANCE DE DISPOSITIFS ANTICHUTE ET DE PREVENTION, ET PROCEDE ASSOCIE**
[72] WALBRIDGE, VAN, US
[72] BAILLARGEON, PAUL D., US
[73] TEREX SOUTH DAKOTA, INC., US
[73] O.E.M. CONTROLS, INC., US
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[54] **PROCEDE DE PRODUCTION DE PRRSV A L'ECHELON COMMERCIAL**
[72] BERRY, ELIZABETH JANE, US
[72] HADDADIN, FUAD TAWFIQ, US
[72] KHAZRAEINAZMPOUR, ALI, US
[72] KROLL, JEREMY, US
[72] MALBURG, SONIA REGINA CANTISANO, US
[72] SANDOVAL BASURTO, EDGAR ARNULFO, US
[72] SCHEERER, STEPHEN, US
[73] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
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[54] **OUTIL COMPORTANT UN SYSTEME DE NAVIGATION ET DE GUIDAGE INTEGRE ET APPAREIL ET PROCEDES ASSOCIES**
[72] INKPEN, KEVIN BRYANT, CA
[72] HODGSON, ANTONY JOHN, CA
[72] GUY, PIERRE, CA
[72] ATSMA, WILLEM J., CA
[72] LAVALLEE, STEPHANE, FR
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[54] **METHOD AND APPARATUS FOR HINGING AND HANGING A GAMING MACHINE DOOR**
[54] **PROCEDE ET APPAREIL POUR L'ARTICULATION ET LA SUSPENSION D'UNE PORTE D'APPAREIL DE JEUX DE HASARD**
[72] ROSANDER, TAI, US
[72] FRANICH, MATTHEW A., US
[73] IGT, US
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[72] ITO, MASATERU, JP
[72] MORITA, IZUMI, JP
[72] KAWAMURA, KENJI, JP
[72] YAMADA, TETSUYA, JP
[72] KUMAZAWA, SADANORI, JP
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[54] **POINTS D'INJECTION DOUBLE DANS LE DRAINAGE PAR GRAVITE ASSISTE PAR LA VAPEUR**
[72] WHEELER, THOMAS J., US
[72] BROWN, DAVID A., US
[72] NASR, TAWFIK N., CA
[73] CONOCOPHILLIPS COMPANY, US
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[54] **UTILISATION D'ECHANGE DE MATRICES POUR SYNTHESE D'ADN**
[72] LAMBOWITZ, ALAN M., US
[72] MOHR, SABINE, US
[72] WHITE, TRAVIS B., US
[72] KUERSTEN, SCOTT, US
[73] BOARD OF REGENTS, UNIVERSITY OF TEXAS SYSTEM, US
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[54] **SYSTEMS AND METHODS FOR CARBON DIOXIDE CAPTURE IN LOW EMISSION COMBINED TURBINE SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE CAPTURE DU DIOXYDE DE CARBONE DANS DES SYSTEMES DE TURBINES COMBINEES A FAIBLE EMISSION**
[72] MITTRICKER, FRANKLIN F., US
[72] HUNTINGTON, RICHARD A., US
[72] SITES, O. ANGUS, US
[72] DHANUKA, SULABH K., US
[72] O'DEA, DENNIS M., US
[72] OELFKE, RUSSELL H., US
[72] DENTON, ROBERT D., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **PREPARATION OF A 1-AMINO-3-HYDROXY-CYCLOBUTANE-1-CARBOXYLIC ACID DERIVATIVE**
[54] **PREPARATION D'UN DERIVE D'ACIDE 1-AMINO-3-HYDROXY-CYCLOBUTANE-1-CARBOXYLIQUE**
[72] FAIRWAY, STEVEN MICHAEL, NO
[72] ROLANDSGARD, MARIT, NO
[73] GE HEALTHCARE LIMITED, GB
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[72] LI, JIA, US
[73] ZIMMER, INC., US
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[54] **PROCEDES DE FABRICATION D'UN AGENT ANTIFONGIQUE**
[72] GUNNES, SOLVI, NO
[72] HALVORSEN, HARALD, NO
[73] XELLIA PHARMACEUTICALS APS, DK
[85] 2013-09-09
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[54] **C4-MONOMETHYL TRITERPENOID DERIVATIVES AND METHODS OF USE THEREOF**
[54] **DERIVES MONOMETHYLE TRITERPENOIDES EN C4 ET LEURS PROCEDES D'UTILISATION**
[72] ANDERSON, ERIC, US
[72] JIANG, XIN, US
[72] VISNICK, MELEAN, US
[72] BENDER, CHRISTOPER F., US
[72] LIU, XIAOFENG, US
[73] REATA PHARMACEUTICALS, INC., US
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF PROTEIN COMPLEXES AND VACCINE COMPOSITIONS COMPRISING THE SAME**
[54] **PROCEDE DE PRODUCTION DE COMPLEXES PROTEIQUES ET COMPOSITIONS VACCINALES LES COMPRENANT**
[72] COLACO, CAMILO, GB
[72] MCENTEE, IAN, GB
[73] IMMUNOBIOLOGY LIMITED, GB
[85] 2013-09-10
[86] 2012-03-23 (PCT/GB2012/050650)
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[54] **APPARATUS FOR SHOCK-SECURE DOOR OR HATCH ARRANGEMENT ON MARINE SHIPS**
[54] **DISPOSITIF POUR AGENCEMENT DE PORTES OU D'ECOUTILLES ANTICHOCS DANS DES NAVIRES**
[72] KARALLUS, RAINER, DE
[72] DRAEGER, JOERG, DE
[72] DETERMANN, WOLFRAM, DE
[72] SALAZAR, GERARDO, DE
[73] THYSSENKRUPP MARINE SYSTEMS GMBH, DE
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[25] EN
[54] **BEARING ARRANGEMENT OF A ROTATING BRUSH ROLLER**
[54] **ENSEMBLE PALIER DE BROSSE ROTATIVE**
[72] STEIN, THOMAS, DE
[72] LIFFERS, ACHIM, DE
[73] STEIN & CO. GMBH, DE
[85] 2013-09-13
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[54] **SYSTEME ET PROCEDE D'EXECUTION DE CERTIFICATION DE RESEAU A FIBRES OPTIQUES EN SERVICE**
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[54] **SYSTEME DE RADARS A OUVERTURE SYNTHETIQUE INTERFEROMETRIQUE**
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[72] YOUNIS, MARWAN, DE
[72] KRIEGER, GERHARD, DE
[72] SCHAEFER, CHRISTOPH, DE
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[54] **COMPOSITIONS FOR THE TREATMENT OF NEUROLOGIC DISORDERS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES**
[72] MARIOS, PANTZARIS, CY
[72] IOANNIS, PATRIKIOS, CY
[72] GEORGIOS, LOUKAIDIS, CY
[73] PALUPA MEDICAL LTD., CY
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[54] **UNITE D'ENTRAINEMENT D'OUTIL DE FORAGE COMPRENANT UN MOTEUR HYDRAULIQUE MUNI D'UN TRAIN PLANETAIRE**
[72] HALLUNDBAEK, JORGEN, DK
[73] WELLTEC A/S, DK
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[72] CHIOSIS, GABRIELA, US
[73] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
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[54] **PETITE ANTENNE CADRE A LARGE BANDE POUR DES APPLICATIONS EN CHAMP PROCHE**
[72] JIANG, BING, US
[72] CAMPERO, RICHARD JOHN, US
[73] SENSORMATIC ELECTRONICS LLC, US
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[54] **PARTICULES D'EPSILON-POLYLYSINE RETICULEE**
[72] WELLINGS, DONALD, GB
[73] SPHERITECH LTD, GB
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[54] **METHOD AND SYSTEM OF PERFORMING GEOPHYSICAL SURVEYS WITH AUTONOMOUS UNDERWATER VEHICLES**
[54] **METHODE ET SYSTEME D'EXECUTION DE LEVES GEOPHYSIQUES A L'AIDE DE VEHICULES SOUMARINS AUTONOMES**
[72] TENGHAMN, STIG RUNE LENNART, US
[73] PGS GEOPHYSICAL AS, NO
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[54] **METHOD FOR PROCESSING A GAS AND A DEVICE FOR PERFORMING THE METHOD**
[54] **PROCEDE DE TRAITEMENT DE GAZ ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE**
[72] RISBY, PHILIP JOHN, GB
[72] PENNINGTON, DALE, GB
[73] GASPLAS AS, NO
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[54] **EMULSIONS STABLES D'HUILE DANS L'EAU A CONCENTRATION ELEVEE**
[72] ZHANG, HONG, US
[72] TANK, HOLGER, US
[72] KEENEY, FRANKLIN N., US
[72] LI, MEI, US
[72] TAVARES DO NASCIMENTO, MARCO ANTONIO, BR
[73] DOW AGROSCIENCES LLC, US
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[54] **INITIATEUR DE POLYMERISATION D'UN METALLOESTER DE BENZOPINACOL**
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[72] VINES, DAVID L., US
[73] ELANTAS PDG, INC., US
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[54] **UTILISATION D'UNE COMPOSITION ALIMENTAIRE POUR ANIMAUX POUR REDUIRE LES EMISSIONS DE METHANE PAR LES RUMINANTS, ET/OU AMELIORER LE RENDEMENT DES RUMINANTS**
[72] DUVAL, STEPHANE, FR
[72] IMMIG, IRMGARD, DE
[72] KINDERMANN, MAIK, DE
[72] WEBER, GILBERT, CH
[73] DSM IP ASSETS B.V., NL
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[54] **MESURE DE DISTRACTION SQUELETTIQUE**
[72] WILHELM, HOA LA, US
[72] AUSTIN, GENE EDWARD, US
[73] SMITH & NEPHEW, INC., US
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[54] **FIBRE APPLICATION MACHINE INCLUDING FLEXIBLE FIBRE-CONVEYING TUBES PROVIDED WITH FLEXIBLE PLATES**
[54] **MACHINE D'APPLICATION DE FIBRES AVEC TUBES FLEXIBLES D'ACHEMINEMENT DE FIBRES MUNIS DE LAMES FLEXIBLES**
[72] CAFFIAU, JOHANN, FR
[72] LE BORGNE, OLIVIER, FR
[72] HARDY, YVAN, FR
[72] HAMLYN, ALEXANDER, FR
[73] CORIOLIS GROUP, FR
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[54] **METHOD, COMPUTER PROGRAM, RECEPTION APPARATUS, AND INFORMATION PROVIDING APPARATUS FOR TRIGGER COMPACTION**
[54] **PROCEDE, PROGRAMME INFORMATIQUE, APPAREIL DE RECEPTION, ET APPAREIL DE FOURNITURE D'INFORMATIONS POUR DECLENCHER UN COMPACTAGE**
[72] EYER, MARK, US
[73] SONY CORPORATION, JP
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[54] **PRESSURE-MAINTAINING DEVICE FOR CREATING COMPOSITE COMPONENTS BY INJECTING RESIN AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE MAINTIEN EN PRESSION POUR LA REALISATION DE PIECES COMPOSITES PAR INJECTION DE RESINE ET PROCEDE ASSOCIE**
[72] MATHON, RICHARD, FR
[72] PHELIPPEAU, ANTOINE, FR
[73] SNECMA, FR
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[54] **ANEURYSM DEVICES WITH ADDITIONAL ANCHORING MECHANISMS AND ASSOCIATED SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE TRAITEMENT DE L'ANEVRISME AYANT DES MECANISMES D'ANCRAGE SUPPLEMENTAIRES, SYSTEMES ET PROCEDES ASSOCIES**
[72] GERBERDING, BRENT, US
[73] PULSAR VASCULAR, INC., US
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[54] **COMPOSITION COMPRISING AN ONION EXTRACT AND LIPOSOMES**
[54] **COMPOSITION COMPRENANT UN EXTRAIT D'OIGNON ET DES LIPOSOMES**
[72] BODERKE, PETER, DE
[72] HEBERER, MARTINA, DE
[72] SCHEPPLER, PETRA, DE
[73] MERZ PHARMA GMBH & CO. KGAA, DE
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[54] **SYSTEMS AND METHODS FOR ENCLOSING AN ANATOMICAL OPENING, INCLUDING SHOCK ABSORBING ANEURYSM DEVICES**
[54] **SYSTEMES ET PROCEDES POUR FERMER UNE OUVERTURE ANATOMIQUE, COMPRENANT DES DISPOSITIFS D'ANEVRISME ABSORBANT LES CHOCS**
[72] GERBERDING, BRENT, US
[73] PULSAR VASCULAR, INC., US
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[54] **ELEMENT DE TURBOMACHINE A DISPOSITIFS DE GENERATION DE TOURBILLONS**
[72] PESTEIL, AGNES, FR
[72] PERROT, VINCENT, FR
[72] BONIFACE, JEAN-CHRISTOPHE GERARD ROGER, FR
[73] SNECMA, FR
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[54] **APPARATUS AND METHODS FOR PROVIDING SAMPLES EXTERNAL TO THE PACKAGING OF A PRODUCT**
[54] **APPAREIL ET PROCEDES POUR FOURNIR DES ECHANTILLONS EXTERNES A L'EMBALLAGE D'UN PRODUIT**
[72] SAJUNS, KAROLA, US
[73] MARY KAY INC., US
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[54] **PROJECTILE ASSEMBLY WITH STABILIZATION/OBTURATION ENHANCEMENT**
[54] **ENSEMBLE PROJECTILE A STABILISATION/OBTURATION AMELIOREE**
[72] PETERSON, BRYAN P., US
[72] CARLSON, ERIK K., US
[72] MOSER, ADAM J., US
[72] HEAD, LAWRENCE P., US
[73] VISTA OUTDOOR OPERATIONS LLC, US
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[54] **METHOD FOR GENERATING AMMONIA FROM AN AMMONIA PRECURSOR SUBSTANCE FOR REDUCING NITROGEN OXIDES IN EXHAUST**
[54] **PROCEDE DE PRODUCTION D'AMMONIAC A PARTIR D'UNE SUBSTANCE PRECURSEUR D'AMMONIAC POUR LA REDUCTION D'OXYDES D'AZOTE DANS DES GAZ DE COMBUSTION**
[72] GERHART, CHRISTIAN, DE
[72] SATTELMAYER, THOMAS, DE
[72] TOSHEV, PLAMEN, DE
[73] ALZCHEM TROSTBERG GMBH, DE
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[54] **ANTI-ROTATION DEVICE FOR A LARGE-SIZE NUT**
[54] **DISPOSITIF D'ANTI-ROTATION POUR ECROU DE GRANDE TAILLE**
[72] GIGNOUX, HERVE, FR
[72] JOLY, PHILIPPE GERARD EDMOND, FR
[72] THORY, ROMAIN JEAN-LOUIS ROBERT, FR
[73] SNECMA, FR
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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
[73] ENZO LIFE SCIENCES, INC., US
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[54] **BOX WRENCH WITH SPLIT GEAR BODY AND INTERCHANGEABLE DRIVE INSERT**
[54] **CLE POLYGONALE AVEC CORPS D'ENGRENAGE FRACTIONNE ET INSERT DE MAN□UVRE INTERCHANGEABLE**
[72] DEDRICKSON, RYAN A., US
[72] NOWAK, DENNIS A., JR., US
[73] SNAP-ON INCORPORATED, US
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[25] EN
[54] **METHOD FOR AUTOMATED PLANOGRAM PROGRAMMING IN A VENDING MACHINE**
[54] **PROCEDE DE PROGRAMMATION DE PLANIGRAMME AUTOMATISEE DANS DISTRIBUTEUR AUTOMATIQUE**
[72] CANTER, JAMES M., US
[72] ROYAL, WILLIAM C., JR., US
[72] PARTYSHEV, VICTOR, UA
[72] DOOM, TROY, US
[72] GODWIN, BRYAN W., US
[73] CRANE MERCHANDISING SYSTEMS, INC., US
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[51] **Int.Cl. A61N 1/05 (2006.01)**
[25] EN
[54] **APPARATUS FOR ANCHORING ELECTRODE LEADS FOR USE WITH IMPLANTABLE NEUROMUSCULAR ELECTRICAL STIMULATOR**
[54] **APPAREIL D'ANCRAGE DE DERIVATIONS D'ELECTRODES UTILISE AVEC UN STIMULATEUR ELECTRIQUE NEUROMUSCULAIRE IMPLANTABLE**
[72] CROSBY, PETER ANDREW, US
[72] KIM, CHOLL, US
[72] SHIROFF, JASON ALAN, US
[72] RAWAT, PRASHANT BRIJMOHANSINGH, US
[72] SACHS, DAN, US
[73] MAINSTAY MEDICAL LIMITED, IE
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[54] **ELECTRICALLY CONDUCTIVE METAL/PLASTIC HYBRID COMPRISING A POLYMER MATERIAL, A FIRST METAL AND METAL PARTICLES OF A SECOND METAL EMBEDDED IN THE FIRST METAL AND METHOD OF PRODUCINGSUCH**
[54] **HYBRIDE METAL/PLASTIQUE ELECTRIQUEMENT CONDUCTEUR COMPRENANT UN MATERIAU POLYMERE, UN PREMIER METAL ET DES PARTICULES METALLIQUES D'UN DEUXIEME METAL INCORPOREES DANS LE PREMIER METAL, ET PROCEDE POUR LE PRODUIRE**
[72] SCHMIDT, HELGE, DE
[72] FRECKMANN, DOMINIQUE, US
[73] TE CONNECTIVITY GERMANY GMBH, DE
[73] TE CONNECTIVITY CORPORATION, US
[85] 2014-02-05
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[25] EN
[54] **OILSEED CRUSHING HEAT RECOVERY PROCESS**
[54] **PROCESSUS DE RECUPERATION DE CHALEUR DE BROYAGE DE GRAINES OLEAGINEUSES**
[72] VAN DEN SCHRIECK, VINCENT, BE
[72] LE CLEF, ETIENNE, BE
[73] DESMET BALLESTRA GROUP N.V., BE
[85] 2014-02-12
[86] 2012-08-09 (PCT/EP2012/065604)
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[30] US (61/524,799) 2011-08-18

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[25] EN
[54] **METHOD AND SYSTEM ENSURING SENSITIVE DATA ARE NOT ACCESSIBLE**
[54] **PROCEDE ET SYSTEME ASSURANT L'INACCESSIBILITE A DES DONNEES SENSIBLES**
[72] KNAFEL, ANDRZEJ, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[22] 2014-03-17
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[51] **Int.Cl. A61M 5/30 (2006.01) A61J 1/06 (2006.01)**
[25] EN
[54] **SAFETY SYRINGE FOR NEEDLELESS INJECTOR**
[54] **SERINGUE DE SECURITE POUR PRESSE A INJECTER SANS AIGUILLES**
[72] MENASSA, KARIM, CA
[73] IDEE INTERNATIONAL R&D INC., CA
[85] 2013-10-01
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[54] **FUEL FILTER WITH SNORKEL VENT**
[54] **FILTRE A CARBURANT MUNI D'UN TUBE D'ASPIRATION**
[72] ALLEN, RANDY R., US
[72] MARSHALL, JAMES N., US
[73] BALDWIN FILTERS, INC., US
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[54] **CAN ENDS HAVING MACHINE READABLE INFORMATION**
[54] **EXTREMITES DE CANETTE POSSEDANT DES INFORMATIONS LISIBLES PAR MACHINE**
[72] MCGIRR, LAURA JANE, GB
[72] RAMSEY, CHRISTOPHER PAUL, GB
[73] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2014-03-26
[86] 2012-09-27 (PCT/US2012/057507)
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[25] EN
[54] **TRAIN CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE TRAIN**
[72] TSUKAMOTO, YASUSHI, JP
[73] THE NIPPON SIGNAL CO., LTD., JP
[85] 2014-03-27
[86] 2012-09-21 (PCT/JP2012/074284)
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[54] **DIFFERENTIAL CLIENT-SIDE ENCRYPTION OF INFORMATION ORIGINATING FROM A CLIENT**
[54] **CHIFFREMENT DIFFERENTIEL COTE CLIENT SUR DES INFORMATIONS PROVENANT D'UN CLIENT**
[72] MANGES, DANIEL, US
[73] PAYPAL, INC., US
[85] 2014-03-27
[86] 2012-10-01 (PCT/US2012/058371)
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[51] **Int.Cl. B66B 9/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR ASCENDING AND DESCENDING STAIRS WITH A WHEELCHAIR**
[54] **APPAREIL POUR LA MONTEE ET LA DESCENTE D'ESCALIERS AVEC UN FAUTEUIL ROULANT**
[72] FRY, DWIGHT, CA
[73] FRY, DWIGHT, CA
[85] 2014-03-31
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[54] **USE OF A ZEOLITE BLEND IN DISCHARGE SOLIDIFIER AND MALODOUR CONTROL**
[54] **UTILISATION D'UN MELANGE DE ZEOLITE POUR LE CONTROLE DES MAUVAISES ODEURS ET LA SOLIDIFICATION DES MATIERES EVACUEES**
[72] LEE, STEWART, GB
[73] CONVATEC LIMITED, GB
[85] 2014-03-31
[86] 2012-08-31 (PCT/GB2012/052133)
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[54] **ORGANONITRO THIOETHER COMPOUNDS AND MEDICAL USES THEREOF**
[54] **COMPOSES D'ORGANONITRO THIOETHER ET UTILISATIONS MEDICALES DE CEUX-CI**
[72] SCICINSKI, JAN, US
[72] ORONSKY, BRYAN T., US
[73] EPICENTRX, INC., US
[85] 2014-04-01
[86] 2012-05-18 (PCT/US2012/038592)
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[30] US (61/544,378) 2011-10-07

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[54] **PROCESS AND INSTALLATION FOR PRODUCING RADIOISOTOPES**
[54] **PROCEDE ET INSTALLATION POUR LA PRODUCTION D'UN RADIOISOTOPE**
[72] KRAL, ERIC, BE
[72] WILPUTTE, XAVIER, BE
[72] GHYOOT, MICHEL, BE
[72] GEETS, JEAN-MICHEL, BE
[73] ION BEAM APPLICATIONS S.A., BE
[85] 2014-04-03
[86] 2012-10-10 (PCT/EP2012/070013)
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[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ABSORBENT ARTICLE COMPRISING STRETCH FILM SIDE PANEL AND CORE INSERTS**
[54] **APPAREIL ET PROCEDE POUR PRODUIRE UN ARTICLE ABSORBANT AVEC PANNEAU LATERAL A PELLICULE ETIRABLE ET APPLICATION DE COMPOSANTS DISCRETS INTERMITTENTS D'UN ARTICLE ABSORBANT**
[72] MCCABE, JOHN A., US
[73] CURT G. JOA, INC., US
[86] (2852473)
[87] (2852473)
[22] 2014-05-22
[30] US (13/915,388) 2013-06-11

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[25] EN
[54] **SYSTEM AND METHOD FACILITATING PATIENT REGISTRATION ACROSS MULTIPLE PRACTICE GROUPS**
[54] **SYSTEME ET PROCEDE FACILITANT L'ENREGISTREMENT DES PATIENTS DANS PLUSIEURS GROUPES DE CABINETS**
[72] MASSOUMI, CYRUS E., US
[72] KHARRAZ TAVAKOL, OLIVER D., US
[73] ZOCDOC, INC., US
[85] 2014-04-23
[86] 2012-10-24 (PCT/IB2012/002663)
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[25] EN
[54] **WIRELESS VIDEO SYSTEM FOR MODEL RAILROAD ENGINES**
[54] **SYSTEME VIDEO SANS FIL POUR MOTEURS DE LOCOMOTIVES MINIATURES**
[72] BARTLETT, RICHARD, US
[73] BARTLETT, RICHARD, US
[73] BARTLETT, WILLIAM, US
[85] 2014-04-25
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[25] EN
[54] **PROCESS FOR FILLING A CAN**
[54] **PROCEDE DE REMPLISSAGE DE BOITE DE CONSERVE**
[72] DOYLE, GERRY PATRICK, GB
[73] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2014-04-29
[86] 2012-10-08 (PCT/EP2012/069872)
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[25] EN
[54] **METHOD FOR PRODUCING DRY GROUND CALCIUM CARBONATE FOR USE IN THERMOSET POLYESTER RESIN SYSTEMS**
[54] **PROCEDE DE PRODUCTION D'UN CARBONATE DE CALCIUM BROYE A SEC DESTINE A ETRE UTILISE DANS DES SYSTEMES DE RESINE POLYESTER THERMOFORMEE**
[72] HUCALUK, BRANDON KEITH, US
[72] FINN, JOHN LAWRENCE III, US
[73] SPECIALTY MINERALS (MICHIGAN) INC., US
[85] 2014-04-29
[86] 2012-10-29 (PCT/US2012/062372)
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[25] EN
[54] **FLOATING STRUCTURE FLUID DYNAMIC FORCE USE SYSTEM AND WIND-PROPELLED VESSEL**
[54] **SYSTEME D'UTILISATION DE LA FORCE DYNAMIQUE DE FLUIDE D'UNE STRUCTURE FLOTTANTE ET VAISSEAU A PROPULSION EOLIENNE**
[72] NAKAMURA, TAKUJU, JP
[72] AKIMOTO, HIROMICHI, JP
[73] NAKAMURA, TAKUJU, JP
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[25] EN
[54] **ADDITIVES FOR USE IN WOOD PRESERVATION**
[54] **ADDITIFS DESTINES A ETRE UTILISES DANS LA CONSERVATION DU BOIS**
[72] HUGHES, KEVIN, GB
[72] MARS, CRAIG, GB
[72] HUGHES, ANDREW, GB
[73] ARCH TIMBER PROTECTION LIMITED, GB
[85] 2014-05-02
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[54] **METHOD AND SERVER FOR SEARCHING FOR NEARBY USER IN SOCIAL NETWORKING SERVICES**
[54] **PROCEDE ET SERVEUR PERMETTANT DE RECHERCHER UN UTILISATEUR A PROXIMITE DANS UN RESEAU SOCIAL**
[72] CHEN, JUNCHAO, CN
[72] LAI, ZHONGHUA, CN
[72] CUI, HAOCHUAN, CN
[72] WU, YU, CN
[72] MA, CUILONG, CN
[72] FENG, JINGQIONG, CN
[72] HUANG, TIANQING, CN
[72] YE, WA, CN
[72] LIN, XIANGYAO, CN
[72] LIN, XUEQIN, CN
[72] ZHANG, YUXUAN, CN
[72] RONG, KUNFENG, CN
[72] LING, GUO, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2014-05-07
[86] 2012-08-02 (PCT/CN2012/079561)
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[30] CN (201110363120.4) 2011-11-16

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[25] EN
[54] **SUBSTITUTED CYCLOPROPYL COMPOUNDS USEFUL AS GPR119 AGONISTS**
[54] **COMPOSES DE CYCLOPROPYLE SUBSTITUES UTILES A TITRE D'AGONISTES DE GPR119**
[72] EDMONDSON, SCOTT, US
[72] HU, ZHIYONG, US
[72] LIU, PING, US
[72] MORRIELLO, GREGORI J., US
[72] SZEWCZYK, JASON W., US
[72] WANG, BOWEI, US
[72] WANG, LIPING, US
[72] WOOD, HAROLD B., US
[72] ZHU, CHENG, US
[72] ZHU, YUPING, US
[72] GUO, ZHIQIANG, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2014-05-08
[86] 2012-11-09 (PCT/US2012/064274)
[87] (WO2013/074388)
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[51] **Int.Cl. F04D 25/08 (2006.01) F04F 5/16 (2006.01) F04F 5/46 (2006.01)**
[25] EN
[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] DOS REIS, DAVID, GB
[72] COWEN, DANIEL GEORGE, GB
[72] GAMMACK, PETER DAVID, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[85] 2014-04-28
[86] 2012-11-05 (PCT/GB2012/052742)
[87] (WO2013/068727)
[30] GB (1119500.5) 2011-11-11
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[25] EN
[54] **DIETHYL-[6-(4-HYDROXYCARBAMOYL-PHENYL-CARBAMOYLOXY-METHYL)-NAPHTHALEN-2-YL-METHYL]-AMMONIUM CHLORIDE FOR USE IN THE TREATMENT OF MUSCULAR DYSTROPHY**
[54] **CHLORURE DE DIETHYL-[6-(4-HYDROXYCARBAMOYL-PHENYL-CARBAMOYLOXY-METHYL)-NAPHTALENE -2-YL-METHYL]AMMONIUM POUR UNE UTILISATION DANS LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE**
[72] SACCONE, VALENTINA, IT
[72] CONSALVI, SILVIA, IT
[72] PURI, PIER LORENZO, IT
[72] MASCAGNI, PAOLO, IT
[73] ITALFARMACO S.P.A., IT
[85] 2014-05-29
[86] 2012-02-03 (PCT/IT2012/000040)
[87] (WO2013/114413)

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[51] **Int.Cl. A61F 9/009 (2006.01)**
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[54] **PATIENT INTERFACE WITH VARIABLE APPLANATION**
[54] **INTERFACE PATIENT AVEC APLANATION VARIABLE**
[72] RAKSI, FERENC, US
[72] GOLDSHLEGER, ILYA, US
[73] ALCON LENSX, INC., US
[85] 2014-05-28
[86] 2012-12-20 (PCT/US2012/070781)
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[30] US (13/336,324) 2011-12-23

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[13] C
[51] **Int.Cl. C22B 3/20 (2006.01) C22B 11/00 (2006.01)**
[25] EN
[54] **QUANTITATIVE PRECIOUS METALS RECOVERY IN THE PRESENCE OF INTERFERING METALS, SALTS, AND IONS**
[54] **RECUPERATION QUANTITATIVE DE METAUX PRECIEUX EN PRESENCE DE METAUX, DE SELS ET D'IONS PERTURBATEURS**
[72] SHUCK, DAVE, US
[72] KOLSTAD, JERRY, US
[72] RAPKOCH, MARK, US
[72] DUNN, GRENVIL MARQUIS, ZA
[73] STILLWATER MINING COMPANY, US
[85] 2014-05-30
[86] 2012-12-03 (PCT/US2012/067635)
[87] (WO2013/082614)
[30] US (61/566,596) 2011-12-02

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[25] EN
[54] **HIGH LOAD AQUEOUS SUSPENSION CONCENTRATE OF AN ACTIVE INGREDIENT**
[54] **CONCENTRE EN SUSPENSION AQUEUSE A CHARGE ELEVEE D'UN PRINCIPE ACTIF**
[72] OLDS, MELISSA G., US
[72] TANK, HOLGER, US
[72] OGAWA, TOSHIYA, US
[73] DOW AGROSCIENCES LLC, US
[85] 2014-06-06
[86] 2012-12-13 (PCT/US2012/069374)
[87] (WO2013/090501)
[30] US (61/576,144) 2011-12-15

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[13] C
[51] **Int.Cl. G01M 7/08 (2006.01) G01N 19/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING STRUCTURAL CHARACTERISTICS OF AN OBJECT**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE CARACTERISTIQUES STRUCTURALES D'UN OBJET**
[72] BERGER, JOHN, US
[72] EARTHMAN, JAMES, US
[72] GHOSH, DIPANKAR, US
[72] SHEETS, CHERILYN, US
[73] PERIMETRICS, LLC, US
[85] 2014-06-16
[86] 2012-12-15 (PCT/US2012/069963)
[87] (WO2013/090863)
[30] US (61/576,982) 2011-12-16

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[13] C
[51] **Int.Cl. B08B 3/02 (2006.01) B32B 38/16 (2006.01)**
[25] EN
[54] **ADHESIVE SPREADING UNIT PROVIDED WITH A ROLLER-CLEANING DEVICE**
[54] **UNITE D'ETALEMENT ADHESIF POURVUE D'UN DISPOSITIF DE NETTOYAGE A ROULEAUX**
[72] CERCIELLO, ANTONIO, IT
[73] NORDMECCANICA S.P.A., IT
[85] 2014-07-04
[86] 2013-01-17 (PCT/IB2013/050427)
[87] (WO2013/108205)
[30] IT (PC2012A000001) 2012-01-19

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[13] C
[51] **Int.Cl. B60D 1/58 (2006.01) B60W 30/165 (2012.01) B60W 30/10 (2006.01) B60W 30/16 (2012.01) B62D 13/00 (2006.01)**
[25] EN
[54] **HITCH SYSTEM FOR STEERING VEHICLE FOR TRAIN**
[54] **SYSTEME D'ATTELAGE D'ORIENTATION DE VEHICULE FERROVIAIRE**
[72] FORTIN, ADAM, CA
[72] DEBNAM, ASHLEY, CA
[72] PARSON, STERLING, CA
[73] PRAIRIE MACHINE & PARTS MFG. - PARTNERSHIP, CA
[85] 2014-07-10
[86] 2013-01-25 (PCT/CA2013/050049)
[87] (WO2013/110195)
[30] US (61/590,370) 2012-01-25
[30] US (61/668,072) 2012-07-05

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[51] **Int.Cl. B05C 11/06 (2006.01) B21B 45/02 (2006.01) C23C 2/20 (2006.01) F26B 21/00 (2006.01)**
[25] EN
[54] **COATING THICKNESS AND DISTRIBUTION CONTROL WIPING NOZZLE WITH EXCELLENT PRESSURE UNIFORMITY**
[54] **BUSE D'ESSUYAGE A COMMANDE DE DISTRIBUTION ET D'EPAISSEUR DE REVETEMENT DOTEE D'UNE EXCELLENTE UNIFORMITE DE PRESSION**
[72] DUBOIS, MICHEL, BE
[73] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
[85] 2014-07-18
[86] 2013-02-13 (PCT/EP2013/052891)
[87] (WO2013/124197)
[30] EP (12156296.1) 2012-02-21

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[13] C
[51] **Int.Cl. H01R 13/6466 (2011.01) H01R 13/6474 (2011.01) H01R 24/64 (2011.01) H01R 13/646 (2011.01)**
[25] EN
[54] **HIGH SPEED COMMUNICATION JACK**
[54] **PRISE DE COMMUNICATION A HAUT DEBIT**
[72] ROBINSON, BRETT D., US
[73] SENTINEL CONNECTOR SYSTEMS, INC., US
[85] 2014-08-06
[86] 2013-01-24 (PCT/US2013/022919)
[87] (WO2013/122727)
[30] US (61/598,288) 2012-02-13

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[51] **Int.Cl. B04C 5/18 (2006.01) C01F 11/46 (2006.01) C04B 11/26 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING THE CONTENT OF FINE MATERIAL IN FGD GYPSUM**
[54] **PROCEDE DE REDUCTION DE MATIERE FINE DANS UN PLATRE PRODUIT AU MOYEN D'UNE INSTALLATION DE DESULFURATION DES GAZ DE FUMEE (REA)**
[72] KRAMER, MICHAEL, AT
[72] GRUBER-WALTL, ANDREAS, AT
[73] ANDRITZ AG, AT
[85] 2014-08-07
[86] 2013-02-08 (PCT/EP2013/000379)
[87] (WO2013/117341)
[30] AT (A 176/2012) 2012-02-10

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[51] **Int.Cl. B01L 3/02 (2006.01)**
[25] FR
[54] **SAMPLING PIPETTE WHICH DETECTS THE PASSAGE OF THE PISTON THROUGH A PREDETERMINED POSITION**
[54] **PIPETTE DE PRELEVEMENT PERMETTANT DE DETECTER LE PASSAGE DU PISTON PAR UNE POSITION PREDETERMINEE**
[72] BARON, STEFEN, FR
[73] GILSON SAS, FR
[85] 2014-08-07
[86] 2013-02-13 (PCT/EP2013/052807)
[87] (WO2013/120862)
[30] FR (12 51329) 2012-02-13

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[13] C
[51] **Int.Cl. A24F 47/00 (2006.01) A24D 3/04 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING ARTICLE HAVING AN AEROSOL-COOLING ELEMENT**
[54] **ARTICLE PRODUISANT UN AEROSOL AYANT UN ELEMENT DE REFROIDISSEMENT D'AEROSOL**
[72] ZUBER, GERARD, CH
[72] MEYER, CEDRIC, CH
[72] SANNA, DANIELE, IT
[72] LOUVET, ALEXIS, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2014-08-11
[86] 2012-12-28 (PCT/EP2012/077086)
[87] (WO2013/120565)
[30] EP (12155248.3) 2012-02-13

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[13] C
[51] **Int.Cl. G01M 99/00 (2011.01) B60W 50/04 (2006.01) G01L 5/28 (2006.01) G01M 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING MACHINE PERFORMANCE**
[54] **SYSTEMES ET PROCEDES D'ANALYSE DES PERFORMANCES DE MACHINES**
[72] HUMPHREY, JAMES DECKER, US
[73] CATERPILLAR INC., US
[85] 2014-08-21
[86] 2013-03-06 (PCT/US2013/029283)
[87] (WO2013/138125)
[30] US (13/421,057) 2012-03-15

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[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **DRILL PIPE**
[54] **TIGE DE FORAGE**
[72] SCHEIBELMASSER, ANTON, AT
[72] LAMIK-THONHAUSER, BOUCHRA, AT
[72] KOTOV, ANTON, RU
[72] KORAK, MICHAEL, AT
[72] JUD, JOHANN, AT
[72] GUTSCHELHOFER, MANFRED, AT
[72] FINE, ALEXANDER, AT
[73] THINK AND VISION GMBH, AT
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[54] **SYNTHESIS OF POLYCYCLIC ALKALOIDS AND THEIR USE AS TGR5 AGONISTS**
[54] **SYNTHESE D'ALCALOIDES POLYCYCLIQUES ET LEUR UTILISATION EN TANT QU'AGONISTES DE TGR5**
[72] GOFF, DANE, US
[72] PAYAN, DONALD G., US
[72] BRASELMANN, SYLVIA, US
[73] RIGEL PHARMACEUTICALS, INC., US
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[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING DISTANCE AND RADIAL VELOCITY OF AN OBJECT BY MEANS OF RADAR SIGNALS**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LA DISTANCE ET LA VITESSE RADIALE D'UN OBJET AU MOYEN DE SIGNAUX RADAR**
[72] ROHLING, HERMANN, DE
[73] S.M.S. SMART MICROWAVE SENSORS GMBH, DE
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[54] **METHOD FOR THE PRODUCTION OF PRECIPITATED SILICA USING A MIXER OR AN EXTRUDER**
[54] **PROCEDE DE PREPARATION DE SILICE PRECIPITEE METTANT EN OEUVRE UN MALAXEUR OU UNE EXTRUDEUSE**
[72] NEVEU, SYLVAINE, FR
[72] PINAULT, ANNE-LAURE, FR
[72] JOST, PHILIPPE, FR
[73] RHODIA OPERATIONS, FR
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[54] **CIRCUIT BREAKER ADAPTOR FOR PLUG-IN CIRCUIT BREAKER PANEL**
[54] **ADAPTATEUR DE DISJONCTEUR POUR PANNEAU DE DISJONCTEUR ENFICHABLE**
[72] MILLS, PATRICK WELLINGTON, US
[72] BENSHOFF, RICHARD GEORGE, US
[72] MCCORMICK, JAMES MICHAEL, US
[73] LABINAL, LLC, US
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[54] **A NOVEL COATING CONCEPT**
[54] **NOUVEAU CONCEPT DE REVETEMENT**
[72] SJODIN, PER, SE
[73] ALFA LAVAL CORPORATE AB, SE
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[54] **USE OF DELPHINIDIN AGAINST STAPHYLOCOCCUS AUREUS**
[54] **UTILISATION DE DELPHINIDINE CONTRE STAPHYLOCCUS AUREUS**
[72] ROEWER, NORBERT, DE
[72] BROSCHEIT, JENS, DE
[73] SAPIOTEC GMBH, DE
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[72] GILBERT, CHRISTOPHER JON, US
[72] PULVER, DALE A., US
[73] MOEN INCORPORATED, US
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[25] EN
[54] **METHOD AND SYSTEM FOR THE PURIFICATION OF EXHAUST GAS FROM AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE ET SYSTEME POUR LA PURIFICATION D'UN GAZ D'ECHAPPEMENT PROVENANT D'UN MOTEUR A COMBUSTION INTERNE**
[72] MARIN, MANUEL MOLINER, ES
[72] MARTI, CRISTINA FRANCH, ES
[72] GIMENO, ANTONIO EDUARDO PALOMARES, ES
[72] CANOS, AVELINO CORMA, ES
[72] VENNESTROM, PETER N. R., DK
[72] KUSTOV, ARKADY, DK
[72] THOGERSEN, JOAKIM REIMER, DK
[72] GRILL, MARIE, DK
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[54] **RELAIS COMPRENANT UN PROCESSEUR ASSURANT LA COMMANDE ET/OU LA SURVEILLANCE**
[72] MCCORMICK, JAMES M., US
[72] MILLS, PATRICK W., US
[72] SCHMALZ, STEVEN C., US
[73] EATON INTELLIGENT POWER LIMITED, IE
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[25] EN
[54] **APPARATUS AND METHODS FOR GEOLOCATING AN INDIVIDUAL WITH RESPECT TO A PERIMETER**
[54] **APPAREILS ET PROCEDES DE GEOLOCALISATION D'UNE PERSONNE PAR RAPPORT A UN PERIMETRE**
[72] MESSIER, YVES, CA
[72] FAMA, ANTONIO, CA
[72] MILLER, BRIAN, CA
[72] GERVAIS, FRANCOIS, CA
[72] BARON, JEROME, CA
[72] MARQUIS, PATRICK-OLIVIER, CA
[73] SAFETRACKS GPS CANADA INC., CA
[86] (2871275)
[87] (2871275)
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[54] **USER-INTERFACE FOR BEVERAGE PREPARATON MACHINES**
[54] **INTERFACE UTILISATEUR POUR LES MACHINES DE PREPARATION DE BOISSONS**
[72] BESSON, FRANCOIS, CH
[72] PERENTES, ALEXANDRE, CH
[73] NESTEC S.A., CH
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[86] 2013-04-23 (PCT/EP2013/058351)
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[25] FR
[54] **METAL STRUCTURAL REINFORCEMENT FOR A COMPOSITE TURBINE ENGINE BLADE**
[54] **RENFORT STRUCTUREL METALLIQUE D'AUBE EN COMPOSITE DE TURBOMACHINE**
[72] KLEIN, GILLES, FR
[72] FRANCHET, JEAN-MICHEL, FR
[72] MAGNAUDEIX, DOMINIQUE, FR
[72] LECONTE, GILBERT, FR
[73] SNECMA, FR
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[25] EN
[54] **HEAT EXCHANGER FOR COOLING BULK SOLIDS**
[54] **ECHANGEUR DE CHALEUR PERMETTANT DE REFROIDIR DES SOLIDES EN VRAC**
[72] HUANG, XINGCUN, CA
[72] BYMAN, ASHLEY DEAN, CA
[73] SOLEX THERMAL SCIENCE INC., CA
[85] 2014-10-30
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[25] EN
[54] **TEXTILE REINFORCEMENT COMPRISING CONTINUOUS ARAMID YARN**
[54] **RENFORCEMENT TEXTILE COMPORTANT UN FIL ARAMIDE CONTINU**
[72] KWINT, HUIBERT CORNELIS, NL
[72] HUISKAMP, JASPER JORRIT, NL
[72] VAN CAMPEN, JAN, NL
[73] TEIJIN ARAMID B.V., NL
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[30] EP (12167307.3) 2012-05-09

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[25] EN
[54] **MARKING LENTICULES FOR REFRACTIVE CORRECTION**
[54] **MARQUAGE DE LENTICULES DESTINES A UNE CORRECTION DE LA REFRACTION**
[72] KLENKE, JORG, DE
[72] SKERL, KATRIN, DE
[72] SEILER, THEO, CH
[73] WAVELIGHT GMBH, DE
[85] 2014-11-10
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[25] EN
[54] **AEROPONICS SYSTEM**
[54] **SYSTEME AEROPONIQUE**
[72] PREWER, JOHN, GB
[73] AIRPONIX LTD, GB
[85] 2014-11-10
[86] 2012-05-11 (PCT/GB2012/051055)
[87] (WO2012/156710)
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[54] **AIR DUCT CONFIGURATION FOR A BLADELESS FAN**
[54] **CONFIGURATION DE CONDUIT D'AIR DESTINE A UN VENTILATEUR SANS AUBES**
[72] ATKINSON, ANTOINE FRANCOIS, GB
[72] STIMPSON, RYAN NEAL, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[85] 2014-11-12
[86] 2013-04-19 (PCT/GB2013/050992)
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[30] GB (1208619.5) 2012-05-16

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[25] EN
[54] **METHODS AND SYSTEMS FOR DETERMINING HAPLOTYPES AND PHASING OF HAPLOTYPES**
[54] **PROCEDES ET SYSTEMES POUR LA DETECTION D'HAPLOTYPES ET LE PHASAGE D'HAPLOTYPES**
[72] RIGATTI, ROBERTO, GB
[72] BOUTELL, JONATHAN, GB
[73] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2014-11-12
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[25] EN
[54] **SULFATE SCALE CONTROL IN LOW PH AQUEOUS SYSTEMS**
[54] **CONTROLE DU TARTRE SULFATE DANS DES SYSTEMES AQUEUX A PH BAS**
[72] BORKAR, SACHIN, US
[72] BLUEMLE, MICHAEL JAMES, US
[72] ANDERMANN, LAWRENCE J., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
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[54] **CLAMPING CONNECTION FOR PIPES**
[54] **DISPOSITIF DE RACCORDEMENT PAR SERRAGE POUR TUYAUX**
[72] BURLI, STEPHAN, CH
[72] KNORNSCHILD, THOMAS, CH
[72] CAMELIN, ENRICO, CH
[73] GEORG FISCHER JRG AG, CH
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[54] **PROCESS FOR PREPARING FLOWABLE AMORPHOUS POLY-ALPHA OLEFIN ADHESIVE PELLETS**
[54] **PROCEDE POUR PREPARER DES GRANULES D'ADHESIF DE POLY-ALPHA-OLEFINE AMORPHES FLUIDES**
[72] DESAI, DARSHAK, US
[72] HU, YUHONG, US
[72] GASPAR, KEN, US
[72] HANTWERKER, ED, US
[73] HENKEL IP & HOLDING GMBH, DE
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[25] EN
[54] **RETRIEVAL SYSTEMS AND METHODS FOR USE THEREOF**
[54] **SYSTEMES D'EXTRACTION ET PROCEDES POUR L'UTILISATION DE CEUX-CI**
[72] MARTIN, BRIAN B., US
[72] DIECK, MARTIN S., US
[72] AGUILAR, JULIO, US
[73] COVIDIEN LP, US
[85] 2014-11-24
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[30] US (61/489,183) 2011-05-23
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[25] EN
[54] **A SYSTEM FOR PIERCING A SEALING MEMBRANE**
[54] **SYSTEME DE PERCAGE D'UNE MEMBRANE D'ETANCHEITE**
[72] BRISEBRAT, JEAN-MICHEL, FR
[72] GAGNEPAIN, CEDRIC, FR
[72] BARTHELON, PASCAL, FR
[73] DIAMED GMBH, CH
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[86] 2013-05-31 (PCT/FR2013/051231)
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[54] **FAN HAVING A VARIABLE SETTING BY MEANS OF DIFFERENTIAL ROTATION OF THE FAN DISKS**
[54] **SOUFFLANTE A CALAGE VARIABLE PAR ROTATION DIFFERENTIELLE DES DISQUES DE SOUFFLANTE**
[72] GALLET, FRANCOIS, FR
[73] SNECMA, FR
[85] 2014-11-26
[86] 2013-06-24 (PCT/FR2013/051470)
[87] (WO2014/001701)
[30] FR (1255998) 2012-06-25

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[25] EN
[54] **BERBERINE FOR IMPROVING GUT MICROBIOTA POPULATION**
[54] **BERBERINE SERVANT A AMELIORER LA POPULATION DU MICROBIOTE DE L'INTESTIN**
[72] ZHAO, LIPING, CN
[72] ZHANG, XU, CN
[72] ZHANG, MENGHUI, CN
[72] ZHAO, YUFENG, CN
[72] PANG, XIAOYAN, CN
[72] ZHANG, XIAOJUN, CN
[72] WANG, LINGHUA, CN
[72] NING, GUANG, CN
[72] LI, XIAOYING, CN
[72] ZHANG, YIFEI, CN
[73] SHANGHAI JIAO TONG UNIVERSITY, CN
[73] PERFECT (CHINA) CO., LTD., CN
[85] 2014-12-03
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[87] (WO2013/182038)
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[25] EN
[54] **DEVICE FOR PRODUCING A FIRST SKIN INCISION IN SURGICAL PROCEDURES AND MARKING ALONG THE MARGINS OF THE INCISION**
[54] **DISPOSITIF DE PRODUCTION D'UNE PREMIERE INCISION DE LA PEAU LORS D'INTERVENTIONS CHIRURGICALES ET DE MARQUAGE LE LONG DES MARGES DE L'INCISION**
[72] ARNON, DROR, IL
[73] T-MEDICAL INNOVATIONS LTD., IL
[85] 2014-12-08
[86] 2013-06-07 (PCT/IL2013/050491)
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[30] US (61/658,497) 2012-06-12

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETERMINATION OF VECTOR BACKBONE IN A NUCLEIC ACID SAMPLE**
[54] **METHODES ET COMPOSITIONS DE DETERMINATION D'UN SQUELETTE DE VECTEUR DANS UN ECHANTILLON D'ACIDE NUCLEIQUE**
[72] HE, CHENGKUN, CN
[72] FAN, CHUNYANG, US
[72] KE, JOHN, US
[72] ZHONG, HENG, US
[72] RUSSELL, DOUG, US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2014-12-11
[86] 2013-06-10 (PCT/US2013/044920)
[87] (WO2013/188267)
[30] US (61/658,802) 2012-06-12

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[25] EN
[54] **REDUCTION OF THE ELECTRICAL RESISTANCE FOR AN ELECTRIC MACHINE HAVING WINDINGS ARRANGED IN GROOVES**
[54] **DIMINUTION DE LA RESISTANCE ELECTRIQUE POUR UN MOTEUR ELECTRIQUE COMPRENANT DES ENROULEMENTS AGENCES DANS DES RAINURES**
[72] CENTNER, MATTHIAS, DE
[72] GELS, PATRICK, DE
[72] SCHAFER, RUDIGER, DE
[72] WASCHEK, JORG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-12-19
[86] 2013-06-06 (PCT/EP2013/061672)
[87] (WO2013/189750)
[30] DE (10 2012 210 614.6) 2012-06-22

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[25] EN
[54] **METHOD FOR OPERATING A MULTI-PHASE PUMP AND APPARATUS THEREFOR**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UNE POMPE A PHASES MULTIPLES**
[72] ROHLFING, GERHARD, DE
[72] BRANDT, JENS-UWE, DE
[73] ITT BORNEMANN GMBH, DE
[85] 2014-12-22
[86] 2013-07-31 (PCT/EP2013/002260)
[87] (WO2014/019687)
[30] DE (10 2012 015 064.4) 2012-07-31

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[13] C
[51] **Int.Cl. B64C 39/02 (2006.01) F41B 11/80 (2013.01) B64C 29/00 (2006.01) B64F 1/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETACHABLY COUPLING AN UNMANNED AERIAL VEHICLE WITHIN A LAUNCH TUBE**
[54] **SYSTEME POUR COUPLER AMOVIBLE UN VEHICULE AERIEN SANS EQUIPAGE A L'INTERIEUR D'UN TUBE DE LANCEMENT**
[72] ANDRYUKOV, OLEKSANDR, US
[73] AEROVIRONMENT, INC., US
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[72] SANKARAN, BANUMATHI, US
[72] DECORY, THOMAS R., US
[72] TUBBS, THERESA, US
[72] COLT, LINDA, US
[72] REMMERIE, BART M., BE
[72] SALTER, RHYS, US
[72] DONAHUE, MATTHEW GARRETT, US
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[54] **CAPTEUR DE POSITION DE CHASSIS DE FENETRE UTILISANT UNE ANALYSE D'IMAGE**
[72] PELCZYNSKI, PAUL E., US
[73] SIEMENS INDUSTRY, INC., US
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[54] **CALIBRAGE DE SYSTEME DE DETECTION ACOUSTIQUE DE PUITS**
[72] STOKELY, CHRISTOPHER L., US
[72] BARFOOT, DAVID A., US
[72] SKINNER, NEAL G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CHANNEL-STATE INFORMATION PROCESS PROCESSING METHOD, NETWORK DEVICE, AND USER EQUIPMENT**
[54] **PROCEDE DE TRAITEMENT DE PROCESSUS D'INFORMATIONS D'ETAT DE CANAL, DISPOSITIF DE RESEAU ET EQUIPEMENT UTILISATEUR**
[72] SUN, JINGYUAN, CN
[72] MAZZARESE, DAVID, CN
[72] ZHOU, YONGXING, CN
[72] XIA, LIANG, CN
[72] REN, XIAOTAO, CN
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[54] **ALLIAGE D'ALUMINIUM POUR VEHICULE ET COMPOSANT DE VEHICULE**
[72] FUKUDA, YUKIHIDE, JP
[73] HONDA MOTOR CO., LTD., JP
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[72] DECKMAN, HARRY W., US
[72] RAVIKOVITCH, PETER I., US
[72] KAMAKOTI, PREETI, US
[72] YOON, CHRIS, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **POSITIVE ELECTRODE MATERIAL FOR LITHIUM SECONDARY BATTERY**
[54] **MATERIAU D'ELECTRODE POSITIVE POUR DES BATTERIES RECHARGEABLES AU LITHIUM**
[72] HAMANO, YOSHIAKI, JP
[72] IWASAKI, YOSUKE, JP
[73] JFE MINERAL COMPANY, LTD., JP
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[54] **MOBILE PHONE AS A ONE-WAY RECORDED TRANSMITTER OVER A CELLULAR NETWORK**
[54] **TELEPHONE MOBILE EN TANT QU'EMETTEUR ENREGISTRE UNIDIRECTIONNEL SUR UN RESEAU CELLULAIRE**
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[54] **PROTEIN COMBINATION-BASED FV LIBRARY, AND PREPARATION METHOD THEREFOR**
[54] **BANQUE DE FV BASEE SUR UNE COMBINAISON DE PROTEINES, ET PROCEDE POUR LA PREPARER**
[72] SONG, BYEONG DOO, KR
[72] YUN, JEE SUN, KR
[72] LEE, SONG YI, KR
[72] KIM, HYE IN, KR
[72] CHOI, HYO JUNG, KR
[72] CHOI, JONG RIP, KR
[73] ABTLAS CO., LTD., KR
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[54] **CONFISERIES A GARNITURE CENTRALE ET LEUR PROCEDE DE FABRICATION**
[72] CHAN, LOK YAN AMBROSE, US
[72] CHIN, SHEAUMENG, US
[72] BORDERA, LUIS, US
[72] ABAD, DENNIS, US
[72] LAU, WENDY, US
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[54] **PROCEDE DE PRODUCTION D'ARTICLES POREUX A PARTIR DE POLYETHYLENE DE ULTRA HAUT POIDS MOLECULAIRE**
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[54] **MECANISME DE COMMANDE DU FONCTIONNEMENT D'UN OUTIL DE JARDIN**
[72] BIAN, XIAOXIAN, CN
[72] WEI, JUAN, CN
[72] GU, JUAN, CN
[72] SUN, YONGPING, CN
[73] SUZHOU CLEVA ELECTRIC APPLIANCE CO., LTD., CN
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[54] **COMPOSITIONS FOR TRANSDERMAL DELIVERY OF MTOR INHIBITORS**
[54] **COMPOSITIONS POUR UNE ADMINISTRATION TRANSDERMIQUE D'INHIBITEURS DE MTOR**
[72] KASPAR, ROGER L., US
[72] SPEAKER, TYCHO, US
[73] PALVELLA THERAPEUTICS, INC., US
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[54] **METHOD FOR PRODUCING ENTERIC ALGINATE MICROCAPSULES VIA IONIC GELATION CONTAINING DICLOFENAC OR ONE OF THE SALTS THEREOF AND MULTIPARTICLED PHARMACEUTICAL COMPOSITION CONTAINING THEM**
[54] **PROCEDE DE FABRICATION DE MICROCAPSULES D'ALGINATE ENTERIQUES PAR L'INTERMEDIAIRE D'UNE GELIFICATION IONIQUE CONTENANT DU DICLOFENAC OU L'UN DES SELS DE CELUI-CI ET COMPOSITION PHARMACEUTIQUE A MULTIPLES PARTICULES LES CONTENANT**
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[73] LABORATORIOS BAGO S.A., AR
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[54] **DISPOSITIF D'OCCLUSION AORTIQUE**
[72] DEHDASHTIAN, MARK, US
[72] JIMENEZ, TEODORO S., US
[72] SATTER, NATHAN, US
[72] SCHROEDER, FABIAN D., US
[72] MAZZEI, RAFFAELE, US
[72] KOSMOSKI, JEFF, US
[72] ZAMANI, SHAUN, US
[72] YESTREPSKY, ADAM, US
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[54] **SYSTEM AND METHOD FOR MULTISCREEN NETWORK DIGITAL VIDEO RECORDING USING ON-DEMAND TRANSCODING**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT VIDEO NUMERIQUE RESEAU MULTI-ECRAN FAISANT INTERVENIR UN TRANSCODAGE A LA DEMANDE**
[72] WIRICK, KEVIN S., US
[72] CASTELOES, MICHAEL A., US
[72] SUN, WENDELL, US
[73] ARRIS ENTERPRISES LLC, US
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[54] **CHAUSSURES DE SECURITE**
[72] SPILLER, BERT APPLETON, US
[73] TBL LICENSING LLC, US
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[54] **PYRIDAZINONE COMPOUNDS AND METHODS FOR THE TREATMENT OF CYSTIC FIBROSIS**
[54] **COMPOSES DE PYRIDAZINONE ET PROCEDES POUR LE TRAITEMENT DE FIBROSE KYSTIQUE**
[72] COLE, BRIDGET M., US
[72] NUGENT, RICHARD A., US
[72] KOLODZIEJ, ANDREW, US
[72] HANDLEY, KAREN, US
[72] BARSUKOV, YEVGEN, US
[73] FLATLEY DISCOVERY LAB, LLC, US
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[54] **MECANISME MANIPULATEUR**
[72] MEULEMAN, JOS, NL
[73] MOOG BV, NL
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[54] **NOUVEAU SYSTEME D'EVENT A LAMES**
[72] CASEY, DANIEL P., US
[73] CASEY, DANIEL P., US
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[54] **LIPIDES DE CIBLAGE**
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[54] **DISPOSITIF DE TEST DE LIQUIDE**
[72] HATA, HIDEAKI, JP
[72] SHIONO, RYOZO, JP
[73] ECHO ELECTRICITY CO., LTD., JP
[85] 2015-10-30
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[54] **CATHETER WITH IMAGING ASSEMBLY**
[54] **CATHETER POURVU D'UN ENSEMBLE D'IMAGERIE**
[72] ALLYN, ROBERT, US
[73] KPR U.S., LLC, US
[86] (2912238)
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[25] EN
[54] **A WIRELESS DEVICE, NETWORK NODES AND METHODS THEREIN FOR HANDLING A DEVICE-TO-DEVICE (D2D) COMMUNICATION DURING HANDOVER IN A WIRELESS TELECOMMUNICATIONS NETWORK**
[54] **DISPOSITIF SANS FIL, NOEUDS DE RESEAU ET LEURS PROCEDES POUR GERER UNE COMMUNICATION DE DISPOSITIF A DISPOSITIF (D2D) DURANT UN TRANSFERT INTERCELLULAIRE DANS UN RESEAU DE TELECOMMUNICATIONS SANS FIL**
[72] LU, QIANXI, CN
[72] MIAO, QINGYU, CN
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **SUSPENSION ACTIVE D'UN SIEGE DE PASSAGER DE VEHICULE A MOTEUR**
[72] HOWARD, DAMIAN, US
[72] SELDEN, BRIAN A., US
[73] CLEARMOTION ACQUISITION I LLC, US
[85] 2015-11-18
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[54] **METHOD AND APPARATUS FOR TREATING A WELLBORE**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT D'UN PUITS DE FORAGE**
[72] ANDERSON, CLAYTON R., US
[72] GARCIA, CESAR G., US
[72] GROGAN, ALISON, US
[72] BRASSEAUX, JASON, US
[72] SESSA, MICHAEL, US
[72] WARD, DAVID, US
[72] PALMER, CHRISTOPHER D., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **SYSTEM AND METHOD FOR IMPROVED PLASTERS**
[54] **SYSTEME ET PROCEDE POUR DES PLATRES AMELIORES**
[72] RIOS, MANUEL JOE, US
[72] RIOS, ANTHONY MICHAEL, US
[73] RIOS, ANTHONY MICHAEL, US
[73] RIOS, MANUEL JOE, US
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[25] EN
[54] **TIME SCALER, AUDIO DECODER, METHOD AND A COMPUTER PROGRAM USING A QUALITY CONTROL**
[54] **DISPOSITIF DE MISE A L'ECHELLE DE TEMPS, DECODEUR AUDIO, PROCEDE ET PROGRAMME D'ORDINATEUR UTILISANT UN CONTROLE DE QUALITE**
[72] REUSCHL, STEFAN, DE
[72] DOHLA, STEFAN, DE
[72] LECOMTE, JEREMIE, DE
[72] JANDER, MANUEL, DE
[72] FARBER, NIKOLAUS, DE
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[54] **HYDROSTATIC ASSEMBLY**
[54] **ENSEMBLE HYDROSTATIQUE**
[72] VALLEBRANT, PER-OLA, SE
[72] HALLGREN, STEFAN, SE
[72] CZEPAK, JOHN, CA
[72] DYCK, GERALD, CA
[73] PARKER HANNIFIN CORPORATION, US
[73] KINETICS DRIVE SOLUTIONS INC., CA
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[25] EN
[54] **MECHANICAL JOINING USING ADDITIVE MANUFACTURING PROCESS**
[54] **ASSEMBLAGE MECANIQUE A L'AIDE D'UN PROCEDE DE FABRICATION ADDITIVE**
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[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MULTI-CHANNEL DECORRELATOR, MULTI-CHANNEL AUDIO DECODER, MULTI-CHANNEL AUDIO ENCODER, METHODS AND COMPUTER PROGRAM USING A PREMIX OF DECORRELATOR INPUT SIGNALS**
[54] **DECORRELATEUR MULTICANAL, DECODEUR AUDIO MULTICANAL, CODEUR AUDIO MULTICANAL, PROCEDES ET PROGRAMME D'ORDINATEUR UTILISANT UN PREMELANGE DE SIGNAUX D'ENTREE DE DECORRELATEUR**
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] HERRE, JUERGEN, DE
[72] MURTAZA, ADRIAN, RO
[72] PAULUS, JOUNI, DE
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
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[54] **MELANGES DE CIMENT COMPRENANT DES MICROPARTICULES INERTES**
[72] BROTHERS, LANCE E., US
[72] MORGAN, RONNIE GLEN, US
[72] OTIENO, PAULINE AKINYI, US
[72] BOUL, PETER JAMES, US
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[72] WATTS, HEATHER, US
[72] MARTIN, DANIEL D., US
[73] HRB INNOVATIONS, INC., US
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[54] **CYLINDER HEAD**
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[72] JACOB, RAPHAEL, DE
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[54] **ELEMENT DE COIN, ENSEMBLE DE COIN, TROUSSE DE CONSTRUCTION ET STRUCTURE RECTANGULAIRE**
[72] KATZ, RODNEY, CA
[73] TRI-MECH DESIGN INC., CA
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[54] **METHODS AND COMPOSITIONS FOR TREATING WITHDRAWAL SYNDROMES USING NON-SEDATIVE DEXMEDETOMIDINE TRANSDERMAL COMPOSITIONS**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DU SYNDROME DE SEVRAGE A L'AIDE DE COMPOSITIONS DE DEXMEDETOMIDINE SANS EFFET SEDATIF ADMINISTREES PAR VOIE TRANSDERMIQUE**
[72] PONGPEERAPAT, ADCHARA, US
[72] JAIN, AMIT, US
[72] BERNER, BRET, US
[72] WEN, JIANYE, US
[72] SHUDO, JUTARO, US
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[54] **FLEXIBLE ROLE-BASED AUTHORIZATION MODEL**
[54] **MODELE D'AUTORISATION BASE SUR DES ROLES FLEXIBLE**
[72] STEINER, DON PAUL, US
[72] MAXFIELD, BRUCE DANIEL, US
[72] KILGALLON, WILLIAM DONALD, US
[73] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
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[54] **CEMENT COMPOSITIONS INCLUDING RESILIENT GRAPHITIC CARBON FRACTION**
[54] **COMPOSITIONS DE CIMENT COMPRENANT UNE FRACTION CARBONEE GRAPHITIQUE ELASTIQUE**
[72] CARNEY, PETER ROY, US
[72] BAER, CRAIG ALLEN, US
[72] DERWIN, DAVID J., US
[72] ZHOU, CHANGJUN, US
[72] WAWRZOS, FRANK A., US
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[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE PERMETTANT DE REGULER UN SYSTEME DE PILE A COMBUSTIBLE**
[72] HOSHI, KIYOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **MECANISME DE CATHETER**
[72] PFEFFER, JOACHIM GEORG, DE
[72] SCHMITZ-RODE, THOMAS, DE
[72] GUNTHER, ROLF W., DE
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[54] **MONTRE D'ATHLETISME**
[72] BROWN, MILES W., US
[72] RICE, JORDAN M., US
[72] WEAST, AARON B., US
[72] CAPOZZI, MATTHEW V., US
[72] HOFFMAN, MICHAEL T., US
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[54] **BOUCHON DESTINE A UN RECIPIENT COMME UNE BOUTEILLE**
[72] SHIRLEY, NATHAN E., US
[72] BAREA, HECTOR J., US
[72] VASQUEZ, MONICA, US
[72] REEVES, CHRISTOPHER T., US
[73] DART INDUSTRIES INC., US
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[54] **SYSTEM AND METHOD FOR ENHANCING AUDIO, CONFORMING AN AUDIO INPUT TO A MUSICAL KEY, AND CREATING HARMONIZING TRACKS FOR AN AUDIO INPUT**
[54] **SYSTEME ET PROCEDE D'AMELIORATION D'UNE ENTREE AUDIO, ADAPTATION D'UNE ENTREE AUDIO A UNE CLE MUSICALE ET CREATION DE PISTES D'HARMONISATION DESTINEES A UNE ENTREE AUDIO**
[72] SERLETIC, MATTHEW MICHAEL, II, US
[72] GROVES, RYAN ALEXANDER, CA
[72] MITCHELL, JAMES FREDERICK DENNIS, US
[73] MUSIC MASTERMIND, INC., US
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[54] **IN-SITU CATALYST SULFIDING, PASSIVATING AND COKING METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE SULFURATION, DE PASSIVATION ET DE COKEFACTION DE CATALYSEUR IN SITU**
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[72] ROBINSON, JAMES MICHAEL, US
[73] REACTOR RESOURCES, LLC, US
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[54] **METHOD AND SYSTEM FOR DETECTION OF A MATERIAL WITHIN A REGION OF THE EARTH**
[54] **PROCEDE ET SYSTEME POUR LA DETECTION D'UN MATERIAU A L'INTERIEUR D'UNE REGION DE LA TERRE**
[72] FUKUSHIMA, EIICHI, US
[72] ALTOBELLI, STEPHEN A., US
[72] THOMANN, HANS, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **SYSTEM AND METHOD FOR MUD CIRCULATION**
[54] **SYSTEME ET PROCEDE POUR CIRCULATION DE BOUES**
[72] BOWLEY, RYAN THOMAS, CA
[72] COOMBE, BRENT JAMES-WILLIAM, CA
[72] GREENING, DOUG CHRISTIAN, CA
[72] MAXWELL, COLIN TREVOR, CA
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[54] **PROCESS FOR PREPARING AMMONIA GAS AND CO2 FOR A UREA SYNTHESIS**
[54] **PROCEDE DE FABRICATION DE GAZ AMMONIAC ET DE CO2 POUR UNE SYNTHESE D'UREE**
[72] MEISSNER, CHRISTOPH, DE
[72] KROTOV, DENIS, DE
[72] VON MORSTEIN, OLAF, DE
[72] KRUEGER, MATTHIAS PATRICK, DE
[73] THYSSENKRUPP AG, DE
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[73] SEDA INTERNATIONAL PACKAGING GROUP SPA, IT
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[54] **STEEL WIRE FOR BOLTS, BOLT, AND METHODS FOR MANUFACTURING SAME**
[54] **FIL D'ACIER POUR BOULON, BOULON, ET LEUR PROCEDE DE PRODUCTION**
[72] MATSUMOTO, YOSUKE, JP
[72] CHIBA, MASAMICHI, JP
[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[54] **MODELE D'EVENEMENTS PAR TOUCHE(S)**
[72] BEAVER, JASON CLAY, US
[72] PLATZER, ANDREW, US
[73] APPLE INC., US
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[54] **COMPOSITIONS COMPRISING SUBSTITUTED BENZALDEHYDES AND USE THEREOF FOR LIGHTENING SKIN OR TREATING HYPERPIGMENATION AND HYPERMELANOSIS DISORDERS**
[54] **COMPOSITIONS COMPRENANT DES BENZALDEHYDES SUBSTITUES ET LEUR UTILISATION POUR ECLAIRCIR LA PEAU OU TRAITER DES TROUBLES D'HYPERPIGMENATION ET D'HYPERMELANOSE**
[72] MEHTA, RAHUL C., US
[72] MAKINO, ELIZABETH TSIN HO, US
[72] SONTI, SUJATHA D., US
[72] GARRUTO, JOHN A., US
[73] ALLERGAN, INC., US
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[73] 9282-3087 QUEBEC (DBA TMC CANADA), CA
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[54] **RECIPIENT AVEC BOUCHON ET BAGUE DE GARANTIE**
[72] WUTHRICH, JAN, CH
[73] HOFFMANN NEOPAC AG, CH
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[54] **SYSTEM AND METHOD FOR PROVIDING PRODUCT DELIVERY SERVICE IN ELECTRONIC TRANSACTION USING SMARTPHONE**
[54] **SYSTEME DE SERVICE DE LIVRAISON DE PRODUITS DANS LE CADRE DU COMMERCE ELECTRONIQUE ET AU MOYEN D'UN TELEPHONE INTELLIGENT, ET PROCEDE ASSOCIE**
[72] KIM, PHIL JAE, KR
[73] EBAY KOREA CO., LTD., KR
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[54] **PROCESS AND APPARATUS FOR PRODUCING HYDROCARBON**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'HYDROCARBURE**
[72] IVERSEN, STEEN BRUMMERSTEDT, DK
[73] STEEPER ENERGY APS, DK
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[54] **GENERATING BINAURAL AUDIO IN RESPONSE TO MULTI-CHANNEL AUDIO USING AT LEAST ONE FEEDBACK DELAY NETWORK**
[54] **GENERATION DE FREQUENCE AUDIO BINAURALE EN REPONSE A UNE FREQUENCE AUDIO MULTICANAL AU MOYEN D'AU MOINS UN RESEAU A RETARD DE RETROACTION**
[72] YEN, KUAN-CHIEH, US
[72] BREEBAART, DIRK J., AU
[72] DAVIDSON, GRANT A., US
[72] WILSON, RHONDA, US
[72] COOPER, DAVID M., AU
[72] SHUANG, ZHIWEI, CN
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[54] **METHOD AND APPARATUSES FOR SCREENING**
[54] **PROCEDE ET APPAREIL DE TAMISAGE**
[72] WOJCIECHOWSKI, KEITH, US
[72] NEWMAN, CHRISTIAN, US
[73] DERRICK CORPORATION, US
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[72] ZAMMIT, MARK, US
[72] SUTHERLAND, ROBERT L., US
[72] MAY, KEVIN T., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[54] **SYSTEME DE POMPAGE HYDRAULIQUE INSTALLE A INCLINAISON**
[72] TRAPANI, JAMES S., US
[72] SCHMITT, KENNETH J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[73] AMFIELDS, LP, US
[86] (2936221)
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[54] **DEVICES FOR APPLYING SURGICAL CLIPS**
[54] **DISPOSITIFS PERMETTANT D'APPLIQUER DES AGRAFES CHIRURGICALES**
[72] ROSSO, NATHANIEL RISLER, US
[72] MENN, PAVEL, US
[73] CONMED CORPORATION, US
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[54] **ANTI-BACTERIAL AQUEOUS INK COMPOSITIONS COMPRISING METAL ION COMPOSITE IONOMER RESINS**
[54] **COMPOSITIONS D'ENCRE AQUEUSE ANTIBACTERIENNE RENFERMANT DES RESINES IONOMERES COMPOSITES A ION METALLIQUE**
[72] FARRUGIA, VALERIE M., CA
[72] CHI, WENDY, CA
[73] XEROX CORPORATION, US
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[54] **TRANSITION METAL-CATALYZED PROCESSES FOR THE PREPARATION OF N-ALLYL COMPOUNDS AND USE THEREOF**
[54] **PROCEDES CATALYSES PAR METAL DE TRANSITION POUR LA PREPARATION DE COMPOSES DE N-ALLYLE ET UTILISATION DE CEUX-CI**
[72] GIGUERE, JOSHUA R., US
[72] MCCARTHY, KEITH E., US
[72] REISCH, HELGE A., US
[72] SANDOVAL, SERGIO, US
[72] STYMIEST, JAKE L., US
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[54] **DETECTION AND USE OF COMPOUNDS CONTAINING A BENZODIOXOL GROUP AS MODULATORS OF THE COLD-MENTHOL RECEPTOR**
[54] **DETECTION ET UTILISATION DE COMPOSES RENFERMANT UN GROUPE BENZODIOXOL COMME MODULATEURS DE RECEPTEUR ACTIVE AU FROID ET AU MENTHOL**
[72] SUBKOWSKI, THOMAS, DE
[72] BOLLSCHWEILER, CLAUS, DE
[72] WITTENBERG, JENS, DE
[72] KROHN, MICHAEL, DE
[72] ZINKE, HOLGER, DE
[73] BASF SE, DE
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[54] **DETECTION AND USE OF AROMATIC COMPOUNDS AS MODULATORS OF THE COLD-MENTHOL RECEPTOR**
[54] **DETECTION ET UTILISATION DE COMPOSES AROMATIQUES COMME MODULATEUR DU RECEPTEUR DE MENTHOL FROID**
[72] SUBKOWSKI, THOMAS, DE
[72] BOLLSCHWEILER, CLAUS, DE
[72] WITTENBERG, JENS, DE
[72] KROHN, MICHAEL, DE
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[54] **CRANE CONTROLLER**
[54] **COMMANDE DE GRUE**
[72] DEIMER, THOMAS, AT
[73] PALFINGER AG, AT
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[54] **GAS TURBINE ENGINE STALL MARGIN MANAGEMENT**
[54] **GESTION DE LA MARGE DE DECROCHAGE MOTEUR D'UNE TURBINE A GAZ**
[72] GEMIN, PAUL ROBERT, US
[72] ADIBHATLA, SRIDHAR, US
[72] RADUN, ARTHUR VORWERK, US
[72] LEAMY, KEVIN RICHARD, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **AFFINEMENT DE MESURE DE PARAMETRE DANS DES OPERATIONS D'EXPLORATION PETROLIERE**
[72] VASQUEZ, CHRISTINA, US
[72] GEHIN, MAURICE, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[72] NIE, FANGJIE, CN
[72] YAMAOKA, TOSHINARI, CN
[73] CHERVON (HK) LIMITED, HK
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[54] **MOLECULES FOR TARGETING COMPOUNDS TO VARIOUS SELECTED ORGANS OR TISSUES**
[54] **MOLECULES PERMETTANT D'ORIENTER DES COMPOSES VERS DIVERS ORGANES OU TISSUS SELECTIONNES**
[72] HEEMSKERK, JOHANNES ANTONIUS, NL
[72] VAN DEUTEKOM, JUDITH C. T., NL
[72] VAN KUIK-ROMEIJN, PETRA, NL
[72] PLATENBURG, GERARD JOHANNES, NL
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[54] **VANNE D'ISOLEMENT TELECOMMANDEE**
[72] NOSKE, JOE, US
[72] SMITH, RODDIE R., US
[72] SMITH, PAUL L., US
[72] BAILEY, THOMAS F., US
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[54] **DEVICE FOR PRODUCING ORGANIC HYDRIDE**
[54] **DISPOSITIF DE PRODUCTION D'HYDRURE ORGANIQUE**
[72] MITSUSHIMA, SHIGENORI, JP
[72] TAKAKUWA, YASUTOMO, JP
[72] NISHIKI, YOSHINORI, JP
[72] KATO, AKIHIRO, JP
[72] MANABE, AKIYOSHI, JP
[72] SATO, YASUSHI, JP
[72] MIYOSHI, KOTA, JP
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[73] DE NORA PERMELEC LTD, JP
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[54] **MODIFIED VINYLAMINE CONTAINING POLYMERS AND THEIR USE IN PAPERMAKING**
[54] **POLYMERES MODIFIES A BASE DE VINYLAMINE ET LEUR UTILISATION DANS LA FABRICATION DU PAPIER**
[72] BORKAR, SACHIN, US
[72] LUSVARDI, KATE MARRITT, US
[72] MAHONEY, JOSEPH M., US
[72] GU, QU-MING, US
[72] LUO, MINGXIANG, US
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[54] **SOUND-PERMEABLE LINING FOR ACOUSTIC PLASTERBOARDS**
[54] **REVETEMENT PERMEABLE AUX SONS POUR PLAQUES DE PLATRE ACOUSTIQUES**
[72] BERNETH, CLAUS-PETER, DE
[72] SCHAFER, MATTHIAS, DE
[72] PHILIPP, GOTTFRIED, DE
[72] MARQUARDT, ANDREAS, DE
[73] KNAUF GIPS KG, DE
[73] 3D COATINGS GMBH & CO. KG, DE
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[25] EN
[54] **METAL PRETREATMENT MODIFICATION FOR IMPROVED THROWPOWER**
[54] **MODIFICATION DE PRETRAITEMENT DE METAL POUR UN POUVOIR DE PENETRATION AMELIORE**
[72] SILVERNAIL, NATHAN J., US
[72] KRUSZEWSKI, KRISTEN M., US
[72] SYLVESTER, KEVIN T., US
[73] PPG INDUSTRIES OHIO, INC., US
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[25] EN
[54] **DENTIFRICE COMPOSITIONS WITH IMPROVED FLUORIDE STABILITY**
[54] **COMPOSITIONS DE DENTIFRICE PRESENTANT UNE MEILLEURE STABILITE DE L'ION FLUORURE**
[72] BASA, SWAPNA, CN
[72] STRAND, ROSS, SG
[72] YANG, HONGMEI, CN
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ORAL CARE COMPOSITIONS CONTAINING POLYETHYLENE GLYCOL FOR PHYSICAL STABILITY**
[54] **COMPOSITIONS DE SOIN BUCCAL CONTENANT DU POLYETHYLENE GLYCOL POUR LA STABILITE PHYSIQUE**
[72] BASA, SWAPNA, CN
[72] STRAND, ROSS, CN
[72] TANG, HAIQIU, CN
[72] YANG, HONGMEI, CN
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEM AND METHOD FOR CONTROLLED SLIP CONNECTION**
[54] **SYSTEME ET PROCEDE DE RACCORDEMENT A GLISSEMENT CONTROLE**
[72] BOWLEY, RYAN THOMAS, CA
[72] YAJURE, EDGAR FERNANDO, CA
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[25] EN
[54] **ARRANGEMENT FOR SUBSEA HOUSING OF ELECTRIC COMPONENTS AND MANUFACTURING OF THE SAME**
[54] **AGENCEMENT POUR BOITIER SOUS-MARIN DE COMPOSANTS ELECTRIQUES ET SA FABRICATION**
[72] SINGHA, SANTANU, SE
[72] LANERYD, TOR, SE
[72] GRADINGER, THOMAS, CH
[72] LENDENMANN, HEINZ, SE
[73] ABB SCHWEIZ AG, CH
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[54] **INSULIN DELIVERY SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ADMINISTRATION D'INSULINE**
[72] MAZLISH, BRYAN, US
[73] BIGFOOT BIOMEDICAL, INC., US
[85] 2016-12-01
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[54] **MEDIA BED FILTERS FOR FILTERING FINE PARTICLES FROM A RAW LIQUID FLOW AND METHOD OF USING THE SAME**
[54] **FILTRES A LIT DE PHASE POUR FILTRER LES PARTICULES FINES A PARTIR D'UN FLUX DE LIQUIDE BRUT ET PROCEDE D'UTILISATION DE CEUX-CI**
[72] BOSISIO, MARCO, CA
[72] SILVERWOOD, ALAIN, CA
[73] NEPTUNE BENSON, INC., US
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[87] (2951572)
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[25] EN
[54] **MODULATORS OF ADP-DEPENDENT GLUCOKINASE (ADPGK) AND GLYCEROL-3-PHOSPHATE DEHYDROGENASE (GPD2) FOR THERAPY**
[54] **MODULATEURS DE GLUCOKINASE ADP-DEPENDANTE (ADPGK) ET DE GLYCEROL-3-PHOSPHATE DESHYDROGENASE (GPD2) A VISEE THERAPEUTIQUE**
[72] GULOW, KARSTEN, DE
[72] KRAMMER, PETER, DE
[72] KAMINSKI, MARCIN M., DE
[72] SAUER, SVEN W., DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
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[54] **ANTI-CALCULUS ORAL COMPOSITIONS**
[54] **COMPOSITIONS ORALES ANTI-TARTRE**
[72] YANG, HONGMEI, CN
[72] STRAND, ROSS, CN
[72] SU, YANG, CN
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **TECHNIQUES FOR CONFIGURING UPLINK CHANNEL TRANSMISSIONS USING SHARED RADIO FREQUENCY SPECTRUM BAND**
[54] **TECHNIQUES POUR CONFIGURER DES TRANSMISSIONS SUR CANAL MONTANT A L'AIDE D'UNE BANDE DE SPECTRES RADIOFREQUENCE PARTAGEE**
[72] WEI, YONGBIN, US
[72] MALLADI, DURGA PRASAD, US
[72] LUO, TAO, US
[72] YERRAMALLI, SRINIVAS, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] XU, HAO, US
[72] GAAL, PETER, US
[72] CHEN, WANSHI, US
[73] QUALCOMM INCORPORATED, US
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[54] **EXHAUST GAS SCRUBBER SYSTEM FOR MULTIPLE SOURCES**
[54] **SYSTEME D'EPURATEUR DE GAZ D'ECHAPPEMENT DESTINE A PLUSIEURS SOURCES**
[72] PATTERSON, WAYNE A., US
[72] EAGLESON, SCOTT T., US
[72] GURNARI, LAWRENCE, US
[72] DAVIDSON, MELANIE, US
[72] DIERICO, MARCO, IT
[72] LI, WEI, US
[73] BELCO TECHNOLOGIES CORPORATION, US
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[54] **EMULSION EXTRACTION AND PROCESSING FROM AN OIL/WATER SEPARATOR**
[54] **EXTRACTION D'EMULSION ET TRAITEMENT PROVENANT D'UN SEPARATEUR HUILE/EAU**
[72] GRAVE, EDWARD J., US
[72] OLSON, MICHAEL D., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-01-12
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[72] MELTON, HAYDEN PAUL, US
[73] REFINITIV US ORGANIZATION LLC, CH
[85] 2017-01-23
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[30] US (62/029,042) 2014-07-25
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[54] **APPAREIL DE NETTOYAGE DE DRAIN**
[72] BECK, HAROLD KENT, US
[72] AHUJA, SANJAY, US
[72] HODGSON, STEPHEN S., US
[73] PF WATERWORKS LP, US
[86] (2956555)
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[54] **REDIRECTION WEB POUR L'EXPLORATION DE CONTENU**
[72] MARTINI, PAUL MICHAEL, US
[72] MARTINI, PETER ANTHONY, US
[73] IBOSS, INC., US
[85] 2017-01-27
[86] 2015-07-30 (PCT/US2015/042995)
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[30] US (62/031,080) 2014-07-30
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[51] **Int.Cl. H04L 29/14 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **WEB REDIRECTION FOR CONTENT FILTERING**
[54] **REDIRECTION INTERNET POUR UN FILTRAGE DE CONTENU**
[72] MARTINI, PAUL MICHAEL, US
[72] MARTINI, PETER ANTHONY, US
[73] IBOSS, INC., US
[85] 2017-01-30
[86] 2015-07-30 (PCT/US2015/042974)
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[30] US (62/031,080) 2014-07-30
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[54] **NOUVEAUX CONJUGUES D'ANALOGUES DE CC-1065 ET LINKERS BIFONCTIONNELS**
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[72] COUMANS, RUDY GERARDUS ELISABETH, NL
[72] ELGERSMA, RONALD CHRISTIAAN, NL
[72] MENGE, WIRO MICHAEL PETRUS BERNARDUS, NL
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[54] **COMPOSITIONS, FORMULATIONS ET FORMES PHARMACEUTIQUES D'OPIOIDE MICRONISEES ET LEURS PROCEDES DE FABRICATION**
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[72] CORMAN, GREGORY SCOT, US
[72] WEAVER, JARED HOGG, US
[72] LUTHRA, KRISHAN LAL, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] ANDARAWIS, EMAD ANDARAWIS, US
[72] HASZ, WAYNE CHARLES, US
[72] CHAN, DAVID SO KEUNG, US
[72] SHADDOCK, DAVID MULFORD, US
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[72] SCHNEIDER, DEAN, US
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[54] **PROCEDE MACHINE EN LIGNE DE RECUEIL ET ARCHIVAGE DE DONNEES**
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[73] KOUNT INC., US
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[54] **PROCEDE POUR LA PRODUCTION D'UN ELEMENT EN ALLIAGE D'ALUMINIUM ET ELEMENT EN ALLIAGE D'ALUMINIUM OBTENU PAR CE DERNIER**
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[72] TAKAHASHI, TAKAYUKI, JP
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] SMITH, THOMAS M., US
[72] CUTLER, JOSHUA I., US
[72] WALP, JENNA L., US
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[54] **APPAREIL ET PROCEDE DE RALENTISSEMENT DE FEUILLE**
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[73] ALLIANCE MACHINE SYSTEMS INTERNATIONAL, LLC, US
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[54] **PROCEDE POUR EMETTRE ET RECEVOIR UNE TRAME D'ACCUSE DE RECEPTION DE BLOC MULTI-UTILISATEUR DANS SYSTEME LAN SANS FIL ET APPAREIL A CET EFFET**
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[72] GODFREY, ROBERT J., US
[72] VAN DER SLUIS, PETER WILLEM, NL
[72] SCHALLER, BRAD A., US
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[54] **PROCEDE POUR LA PREPARATION DE PARTICULES DE CHARGE FLOCULEES**
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[72] BURI, MATTHIAS, CH
[72] ANDERSSON, LARS, CH
[72] GANTENBEIN, DANIEL, CH
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SYSTEMES ET PROCEDES POUR LE SUIVI D'EPISODES DANS UN ENVIRONNEMENT MULTIMEDIA INTERACTIF**
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[72] WALKER, TODD A., US
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[54] **SYSTEME POUR FAIRE TOURNER UN PORTE-CHARGE AINSI QUE DISPOSITIF DE TRANSPORT POURVU DE PORTE-CHARGE LACHE**
[72] BOLSOEY, BENGT, SE
[72] KANGAS, FREDRIK, SE
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[72] VEILLETTE, MARC-ANTOINE, CA
[73] THOMAS & BETTS INTERNATIONAL LLC, US
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[72] STRAND, ALEX, CA
[72] GREENING, DOUGLAS, CA
[73] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[54] **CONFIGURATION DE BRULEUR CATALYTIQUE**
[72] EKDUNGE, PER, SE
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[73] POWERCELL SWEDEN AB, SE
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[72] NIE, FANGJIE, CN
[73] CHERVON (HK) LIMITED, HK
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[54] **ATTENUATION D'EFFETS DE BROUTAGE DANS DES OUTILS ROTATIFS ORIENTABLES**
[72] NANAYAKKARA, RAVI P., US
[72] DEOLALIKAR, NEELESH, US
[72] WINSLOW, DANIEL MARTIN, US
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[54] **COLONNES BARRIERES**
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[72] KULKARNI, SANDEEP, US
[72] MILLER, MATTHEW LYNN, US
[72] JAMISON, DALE E., US
[72] RAMIREZ ANGULO, JESSICA PAOLA, US
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[54] **COMPOSITIONS DE REVETEMENT, REVETEMENT ET PROCEDES POUR L'AMORTISSEMENT DES SONS ET DES VIBRATIONS ET LA RESISTANCE A L'EAU**
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[54] **BIELLE DE LONGUEUR VARIABLE ET MOTEUR A COMBUSTION INTERNE A TAUX DE COMPRESSION VARIABLE**
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[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **SYSTEME, METHODE ET APPAREIL POUR LA GESTION D'INSTALLATION DE TRAITEMENT DES EAUX USEES**
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[54] **SILANES A SUBSTITION NITRILE ET COMPOSITIONS ELECTROLYTIQUES ET DISPOSITIFS ELECTROCHIMIQUES LES CONTENANT**
[72] PENA HUESO, JOSE ADRIAN, US
[72] OSMALOV, DAVID, US
[72] DONG, JIAN, US
[72] USREY, MONICA, US
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[72] OLDROYD, PAUL K., US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **DISPOSITIFS OCCLUSIFS DOTES D'ELEMENTS D'ANCRAGE S'ETENDANT DU BORD PERIPHERIQUE DE LA FACE OCCLUSIVE**
[72] LARSEN, COBY C., US
[72] MASTERS, STEVEN J., US
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[72] BERMUDEZ, WALTER GUILLERMO, AU
[72] MORICCA, SALVATORE, AU
[72] MURRAY, ALLAN GRANT, AU
[73] AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION, AU
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[54] **COMPOSITION COSMETIQUE POUR ADMINISTRATION ORALE DESTINEE A RENFORCER LA BARRIERE CUTANEE**
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[73] PUBLIC TRANSPORTATION SAFETY INTERNATIONAL CORP., US
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[54] **METHOD AND SYSTEM FOR SETTING QUALITY OF SERVICE FOR A BEARER IN RESPONSE TO AN EMERGENCY EVENT**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LA QUALITE DE SERVICE D'UNE PORTEUSE EN REPONSE A UN EVENEMENT D'URGENCE**
[72] MILLER, TRENT J., US
[72] AGULNIK, ANATOLY, US
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[54] **VISCOSIFIANTS POLYMERES UTILISABLES DANS DES FLUIDES DE FORAGE AQUEUX**
[72] GALINDO, KAY ANN, US
[72] ZHA, WEIBIN, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS AND SYSTEM FOR CONTROLLING A LINEAR MOTOR FOR A DEEP WELL OIL PUMP**
[54] **PROCEDES ET SYSTEME DE COMMANDE D'UN MOTEUR LINEAIRE POUR POMPE A PETROLE DE PUITS PROFOND**
[72] CARDAMONE, DAVID P., US
[72] DEIRMENGIAN, CARL, US
[72] KEOHANE, EUGENE F., US
[72] KINNAMAN, BENJAMIN W., US
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[54] **METHODE D'ELEVAGE DE BOVINS EN CROISSANCE**
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[72] WATANABE, TAKASHI, JP
[72] SUGINO, TOSHIHISA, JP
[72] MON, MAMIKO, JP
[73] SHOWA DENKO K.K., JP
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[54] **COMPOSITION ACIDE A BASE DE LEONARDITE ET D'ACIDES AMINES**
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[73] SIPCAM INAGRA, S.A., ES
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[54] **FILTRATION MATERIAL FOR FILTERED VENTING, AND FILTERED VENTING DEVICE**
[54] **MATERIAU DE FILTRATION DESTINE A LA VENTILATION FILTREE ET DISPOSITIF DE VENTILATION FILTRE**
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[72] ENDO, KOJI, JP
[73] RASA INDUSTRIES, LTD., JP
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[54] **COMPOSES PYRIMIDINE SUBSTITUES EN TANT QU'INHIBITEURS DE LA PHOSPHATIDYLINOSITOL 3-KINASE .DELTA. ET UTILISATION DE CES DERNIERS**
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[72] HUANG, DANDAN, CN
[72] ZHANG, YAN, CN
[72] KAI, YUMEI, CN
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[54] **EMBARCATION A TROIS NIVEAUX DE PORTANCE**
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[73] SCHULZ, WALTER, US
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[54] **CAVITATION GENERATION MECHANISMS AND THEIR USE IN FERMENTATION AND WASTEWATER AND SAND CLEANING PROCESSES**
[54] **MECANISMES DE GENERATION DE CAVITATION ET LEUR UTILISATION DANS LA FERMENTATION ET LES PROCEDES DE NETTOYAGE DES EAUX USEES ET DU SABLE**
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[72] HEPTING, EMIL, DE
[73] ABS APPARATE, BEHALTER- UND SONDERANLAGENBAU GMBH, DE
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[72] RICE, HAYDON, CA
[72] JAGOW, SCOT, CA
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[54] **METHODE DE PREPARATION DE FORME CRISTALLINE A DE PCI-32765**
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[72] ZHANG, YANFENG, CN
[72] ZHANG, LIANG, CN
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[54] **COMBINAISON DE RESSORT D'AMORTISSEMENT A AIR ET D'ABSORBEUR DE CHOCS POUR SYSTEMES D'ESSIEU/DE SUSPENSION DE VEHICULE LOURD**
[72] FULTON, R. SCOTT, US
[72] WESTNEDGE, ANDREW J., US
[72] LONG, THOMAS J., US
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[54] **CHENILLE ELASTIQUE ET MECANISME D'ENTRAINEMENT DE CHENILLE ELASTIQUE**
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[73] BRIDGESTONE CORPORATION, JP
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[54] **METHODE DE FABRICATION DE STRUCTURE, ET STRUCTURE**
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[72] AOSHIMA, YOSHIRO, JP
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[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **STOCKAGE ET RECUPERATION D'ENSEMBLE DE DONNEES DISTRIBUE**
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[72] HO, CHIH-WEI, US
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[54] **SYSTEME ET PROCEDE DE COMMANDE DE FIBRES DANS UN MOULE**
[72] KRISTO, DARKO, AT
[72] EISMAYER, HEINRICH, AT
[72] KITZBERGER, PETER, AT
[72] VUJANOVIC, ZORAN, AT
[72] GOLD, OLIVER, DE
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[54] **PROCESS FOR MANUFACTURING OF A FIBRE-REINFORCED POLYMER COMPOSITION**
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION POLYMERE RENFORCEE PAR DES FIBRES**
[72] HOCHRADL, STEFAN, AT
[72] STOCKREITER, WOLFGANG, AT
[72] WURM, KARL, AT
[72] GUBO, ROBERT, AT
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[54] **INDIVIDUALIZATION STATION**
[54] **POSTE D'INDIVIDUALISATION**
[72] MUHL, WOLFGANG, DE
[72] WOLM, DIETER, DE
[72] ORTMANN, AXEL, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
[86] (2984394)
[87] (2984394)
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[30] DE (20 2016 106 124.5) 2016-11-01

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[25] EN
[54] **LOCK SOLUTION FOR VENOUS CATHETERS USING SODIUM BICARBONATE**
[54] **SOLUTION DE BLOCAGE DESTINEE A UN CATHETER VEINEUX EMPLOYANT DU BICARBONATE DE SOUDE**
[72] EL-HENNAWY, ADEL SAYED, US
[72] FROLOVA, ELENA, US
[73] EL-HENNAWY, ADEL SAYED, US
[73] FROLOVA, ELENA, US
[86] (2985597)
[87] (2985597)
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[51] **Int.Cl. B65G 1/137 (2006.01) A47B 67/02 (2006.01) A47B 81/00 (2006.01) A47F 10/00 (2006.01) A61G 12/00 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL STORAGE AND RETRIEVAL SYSTEM AND METHODS OF STORING AND RETRIEVING PHARMACEUTICALS**
[54] **SYSTEME DE STOCKAGE ET DE RECUPERATION DE PRODUITS PHARMACEUTIQUES ET PROCEDES DE STOCKAGE ET DE RECUPERATION DE PRODUITS PHARMACEUTIQUES**
[72] HOLMES, WILLIAM K., US
[72] JAMES, MICHAEL, US
[72] GAASCH, THOMAS F., US
[73] RX-SAFE, LLC, US
[86] (2985915)
[87] (2985915)
[22] 2011-08-29
[62] 2,811,774
[30] US (12/870,045) 2010-08-27

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[25] EN
[54] **PHARMACEUTICAL STORAGE AND RETRIEVAL SYSTEM AND METHODS OF STORING AND RETRIEVING PHARMACEUTICALS**
[54] **SYSTEME DE STOCKAGE ET DE RECUPERATION DE PRODUITS PHARMACEUTIQUES ET PROCEDES DE STOCKAGE ET DE RECUPERATION DE PRODUITS PHARMACEUTIQUES**
[72] HOLMES, WILLIAM K., US
[72] JAMES, MICHAEL, US
[72] GAASCH, THOMAS F., US
[73] RX-SAFE, LLC, US
[86] (2985923)
[87] (2985923)
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[51] **Int.Cl. B64D 11/06 (2006.01) A47C 7/62 (2006.01) B60N 3/00 (2006.01) H01R 13/73 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **POWER/DATA OUTLET ADJUSTABLE SEAT BRACKET**
[54] **SUPPORT DE SIEGE AJUSTABLE A PRISE DE DONNEES/COURANT**
[72] SMALLHORN, GEORGE R., CA
[73] INFLIGHT INVESTMENTS INC., CA
[86] (2986993)
[87] (2986993)
[22] 2017-11-28
[30] US (62/427,223) 2016-11-29

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[51] **Int.Cl. H01B 1/24 (2006.01) A61L 31/12 (2006.01) A61L 31/14 (2006.01) C08K 3/04 (2006.01) C08L 101/12 (2006.01) C25D 1/14 (2006.01) H01B 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING OVERCHARGE PROTECTION IN CAPACITIVE COUPLED BIOMEDICAL ELECTRODES**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UNE PROTECTION CONTRE LES SURCHARGES DANS ELECTRODES BIOMEDICALES A COUPLAGE CAPACITIF**
[72] BURNHAM, KENNETH, US
[72] SKOV, RICHARD, US
[72] TOMAS, STEPHEN, US
[73] FLEXCON COMPANY, INC., US
[86] (2987188)
[87] (2987188)
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[62] 2,852,025
[30] US (13/272,545) 2011-10-13

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[51] **Int.Cl. B65G 15/08 (2006.01) B65G 15/60 (2006.01) B65G 15/62 (2006.01)**
[25] EN
[54] **SEALING BELT CONVEYORS AGAINST PRODUCT LEAKAGE**
[54] **ETANCHEISATION DE TRANSPORTEURS A COURROIE CONTRE LA FUITE DE PRODUIT**
[72] TRATCH, JAIME NOLIN, CA
[73] BRANDT AGRICULTURAL PRODUCTS LTD., CA
[86] (2987360)
[87] (2987360)
[22] 2016-06-09
[62] 2,932,673

[11] **2,988,348**
[13] C
[51] **Int.Cl. B07B 1/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUSES FOR SCREENING**
[54] **SYSTEME D'AMEUBLEMENT PRET A ASSEMBLER**
[72] WOJCIECHOWSKI, KEITH F., US
[72] NEWMAN, CHRISTIAN, US
[73] DERRICK CORPORATION, US
[86] (2988348)
[87] (2988348)
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[51] **Int.Cl. H04L 9/16 (2006.01)**
[25] EN
[54] **METHODS AND COMPUTER PROGRAM PRODUCTS FOR ENCRYPTION KEY GENERATION AND MANAGEMENT**
[54] **PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR LA GENERATION ET LA GESTION DE CLES DE CHIFFREMENT**
[72] YANG, EN-HUI, CA
[73] BICDROID INC., CA
[85] 2017-12-07
[86] 2016-06-10 (PCT/CA2016/050663)
[87] (WO2016/197250)
[30] CA (PCT/CA2015/050543) 2015-06-12
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[11] **2,988,722**
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 37/02 (2006.01)**
[25] EN
[54] **CEMENTING PLUG**
[54] **BOUCHON DE CIMENTATION**
[72] ZHANG, HONGYING, CN
[72] WANG, NA, CN
[72] HUANG, YANFU, CN
[72] SHI, LIN, CN
[72] YU, PING, CN
[73] CHINA NATIONAL PETROLEUM CORPORATION, CN
[73] BEIJING PETROLEUM MACHINERY CO., CN
[73] CNPC ENGINEERING TECHNOLOGY R&D COMPANY LIMITED, CN
[86] (2988722)
[87] (2988722)
[22] 2017-12-12
[30] CN (2017102920401) 2017-04-28

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[13] C
[51] **Int.Cl. E21B 43/02 (2006.01) B04B 7/00 (2006.01) E21B 33/14 (2006.01)**
[25] EN
[54] **CENTRIFUGAL PARTICLE ACCUMULATOR AND FILTER**
[54] **ACCUMULATEUR CENTRIFUGE DE PARTICULES ET FILTRE**
[72] GAO, BO, US
[72] BUDLER, NICHOLAS, US
[72] XIN, LINDA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-12-18
[86] 2015-07-27 (PCT/US2015/042191)
[87] (WO2017/019007)

[11] **2,990,013**
[13] C
[51] **Int.Cl. B60R 1/078 (2006.01)**
[25] EN
[54] **REMOVABLE SIDE VIEW MIRROR FOR VEHICLE**
[54] **RETROVISEUR LATERAL AMOVIBLE POUR UN VEHICULE**
[72] TOTH, KIMBERLY GENEVA, US
[72] ANDRADE, JUSTIN MATTHEW, US
[72] STOFFEL, CHRISTOPHER JOHN, US
[73] WAYMO LLC, US
[85] 2017-12-18
[86] 2016-05-31 (PCT/US2016/035023)
[87] (WO2016/204969)
[30] US (62/182,181) 2015-06-19
[30] US (15/156,955) 2016-05-17

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[13] C
[51] **Int.Cl. F25B 40/02 (2006.01) A61B 18/02 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **N2O LIQUEFACTION SYSTEM WITH SUBCOOLING HEAT EXCHANGER FOR MEDICAL DEVICE**
[54] **SYSTEME DE LIQUEFACTION DE N2O AVEC ECHANGEUR DE CHALEUR DE SOUS-REFROIDISSEMENT POUR DISPOSITIF MEDICAL**
[72] MAHROUCHE, RACHID, CA
[72] MONGER, ERIC, CA
[72] TZONEV, VLADIMIR, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2017-12-28
[86] 2016-06-10 (PCT/CA2016/050669)
[87] (WO2017/000064)
[30] US (14/790,465) 2015-07-02
[30] US (15/012,366) 2016-02-01

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[13] C
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE SWEEPING BLADE DEVICE AND SWEEPING BLADE ASSEMBLY**
[54] **DISPOSITIF LAME DE BALAYAGE REGLABLE ET ENSEMBLE LAME DE BALAYAGE**
[72] BERGERON, MARCO, CA
[72] MICHEL, HUGO, CA
[72] MICHEL, STEPHAN, CA
[73] USINAGE PRO24 INC., CA
[86] (2992233)
[87] (2992233)
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[51] **Int.Cl. A01N 25/02 (2006.01) A01N 47/06 (2006.01) A01N 51/00 (2006.01) A01N 53/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **SPOT-ON FORMULATION FOR THE CONTROL ECTOPARASITES IN ANIMALS**
[54] **FORMULE CIBLEE DE CONTROLE DES ECTOPARASITES CHEZ LES ANIMAUX**
[72] HANSEN, OLAF, DE
[72] THOMA, RUDY, DE
[73] EVERGREEN ANIMAL HEALTH, LLC, US
[85] 2018-01-11
[86] 2016-07-14 (PCT/US2016/042197)
[87] (WO2017/015039)
[30] EP (15177252.2) 2015-07-17

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[13] C
[51] **Int.Cl. H04N 21/854 (2011.01) H04N 21/236 (2011.01)**
[25] EN
[54] **NEWS PRODUCTION SYSTEM WITH DYNAMIC CHARACTER GENERATOR OUTPUT**
[54] **SYSTEME DE PRODUCTION D'INFORMATIONS A SORTIE DE GENERATEUR DYNAMIQUE DE CARACTERES**
[72] COX, GARY WILSON, US
[73] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2018-01-22
[86] 2016-07-22 (PCT/US2016/043567)
[87] (WO2017/019509)
[30] US (14/809,673) 2015-07-27

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[51] **Int.Cl. B01J 23/89 (2006.01) B01J 23/755 (2006.01) C01B 3/34 (2006.01) C01B 3/40 (2006.01) C10J 3/00 (2006.01)**
[25] EN
[54] **PROCESS AND CATALYST SYSTEM FOR THE PRODUCTION OF HIGH QUALITY SYNGAS FROM LIGHT HYDROCARBONS AND CARBON DIOXIDE**
[54] **PROCEDE ET SYSTEME DE CATALYSEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE DE HAUTE QUALITE A PARTIR D'HYDROCARBURES LEGERS ET DE DIOXYDE DE CARBONE**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[73] GREYROCK TECHNOLOGY, LLC, US
[86] (2993671)
[87] (2993671)
[22] 2014-07-16
[62] 2,936,903
[30] US (61/958,235) 2013-07-22

[11] **2,994,427**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/557 (2006.01) A61K 38/28 (2006.01) A61K 47/02 (2006.01) A61K 47/12 (2006.01)**
[25] EN
[54] **RAPID-ACTING INSULIN COMPOSITIONS**
[54] **COMPOSITIONS D'INSULINE A ACTION RAPIDE**
[72] AKERS, MICHAEL PATRICK, US
[72] CHRISTE, MICHAEL EDWARD, US
[72] HARDY, THOMAS ANDREW, US
[72] MAJUMDAR, RANAJOY, US
[72] NGUYEN, CHI A., US
[72] PAAVOLA, CHAD D., US
[72] SARIN, VIRENDER KUMAR, US
[72] SCHULTE, NANETTE ELIZABETH, US
[73] ELI LILLY AND COMPANY, US
[85] 2018-01-31
[86] 2016-08-19 (PCT/US2016/047723)
[87] (WO2017/034956)
[30] US (62/210,469) 2015-08-27

[11] **2,994,524**
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[51] **Int.Cl. C03B 35/20 (2006.01) C03B 23/025 (2006.01) C03B 29/08 (2006.01)**
[25] EN
[54] **MICROWAVE HEATING GLASS BENDING PROCESS**
[54] **PROCEDE DE COURBURE DE VERRE PAR CHAUFFAGE MICRO-ONDES**
[72] JIAO, YU, US
[72] SCHRIER, RUSSELL W., US
[72] YU, CHAO, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2018-02-01
[86] 2016-06-22 (PCT/US2016/038738)
[87] (WO2017/023436)
[30] US (14/819,849) 2015-08-06

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[51] **Int.Cl. F24F 3/14 (2006.01) F24F 1/04 (2011.01) F24F 13/30 (2006.01) F25B 5/04 (2006.01) F25B 6/04 (2006.01) F25B 39/02 (2006.01)**
[25] EN
[54] **DEHUMIDIFIER WITH SECONDARY EVAPORATOR AND CONDENSER COILS**
[54] **DESHUMIDIFICATEUR DOTE D'UN EVAPORATEUR SECONDAIRE ET DE SERPENTINS DE CONDENSATEUR**
[72] TUCKER, DWAINE WALTER, US
[72] DEMONTE, TODD R., US
[72] SLOAN, SCOTT E., US
[72] YU, WEIZHONG, US
[73] THERMA-STOR LLC, US
[86] (2995049)
[87] (2995049)
[22] 2018-02-14
[30] US (15/460,772) 2017-03-16

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[51] **Int.Cl. A61B 50/30 (2016.01) A61B 17/86 (2006.01) A61C 8/00 (2006.01)**
[25] FR
[54] **PACKAGING FOR AN OBJECT AND SET COMPRISING SUCH PACKAGING**
[54] **EMBALLAGE POUR OBJET ET ENSEMBLE COMPRENANT UN TEL EMBALLAGE**
[72] RICHART, OLIVIER, FR
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2995536)
[87] (2995536)
[22] 2011-04-22
[62] 2,795,463
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[51] **Int.Cl. A61B 50/30 (2016.01) A61B 17/86 (2006.01) A61C 8/00 (2006.01)**
[25] FR
[54] **PACKAGING FOR AN OBJECT AND SET COMPRISING SUCH PACKAGING**
[54] **EMBALLAGE POUR OBJET ET ENSEMBLE COMPRENANT UN TEL EMBALLAGE**
[72] RICHART, OLIVIER, FR
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2995545)
[87] (2995545)
[22] 2011-04-22
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[13] C
[51] **Int.Cl. E05C 17/36 (2006.01)**
[25] EN
[54] **DOORLOCK SAFETY CHAIN RELEASE MECHANISM**
[54] **MECANISME DE DEGAGEMENT DE CHAINE DE SECURITE DE VERROU DE PORTE**
[72] O'KANE, PATRICK ROBERT, CA
[73] O'KANE, PATRICK ROBERT, CA
[86] (2997434)
[87] (2997434)
[22] 2018-03-06
[30] US (62/601,804) 2017-04-03

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[51] **Int.Cl. B01J 2/04 (2006.01)**
[25] EN
[54] **LIQUID FEEDING DEVICE FOR THE GENERATION OF DROPLETS**
[54] **DISPOSITIF D'ALIMENTATION EN LIQUIDE POUR GENERER DES GOUTTELETTES**
[72] GEBHARD, THOMAS, DE
[72] KAISER, ROLAND, DE
[72] LUY, BERNHARD, DE
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
[72] ZERILLO, CHRISTIAN, DE
[73] SANOFI PASTEUR SA, FR
[86] (3000093)
[87] (3000093)
[22] 2015-07-20
[62] 2,955,562
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[13] C
[51] **Int.Cl. F24V 30/00 (2018.01) F17C 11/00 (2006.01)**
[25] EN
[54] **HEAT GENERATING SYSTEM**
[54] **SYSTEME PRODUISANT DE LA CHALEUR**
[72] IWAMURA, YASUHIRO, JP
[72] ITO, TAKEHIKO, JP
[72] KASAGI, JIROTA, JP
[72] YOSHINO, HIDEKI, JP
[72] HATTORI, MASANAO, JP
[73] CLEAN PLANET INC., JP
[85] 2018-03-27
[86] 2016-12-12 (PCT/JP2016/086878)
[87] (WO2017/104602)
[30] JP (2015-243890) 2015-12-15

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[51] **Int.Cl. G03B 15/06 (2006.01)**
[25] EN
[54] **COLLAPSIBLE LED FIXTURE**
[54] **APPAREIL A LED REPLIABLE**
[72] HUDSON, TIMOTHY JOHN, US
[73] HUDSON PICTURES, INC., US
[85] 2018-04-04
[86] 2016-02-10 (PCT/US2016/017398)
[87] (WO2016/130710)
[30] US (14/620,091) 2015-02-11

[11] **3,004,974**
[13] C
[51] **Int.Cl. B29C 48/40 (2019.01)**
[25] EN
[54] **SCREW ELEMENTS FOR THE EXTRUSION OF VISCOELASTIC COMPOSITIONS**
[54] **ELEMENTS DE VIS DESTINES A L'EXTRUSION DE COMPOSITIONS VISCOELASTIQUES**
[72] KIRCHHOFF, JORG, DE
[72] KONIG, THOMAS, DE
[72] BIERDEL, MICHAEL, DE
[72] LIESENFELDER, ULRICH, DE
[73] COVESTRO DEUTSCHLAND AG, DE
[86] (3004974)
[87] (3004974)
[22] 2010-12-13
[62] 2,784,913
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[13] C
[51] **Int.Cl. F16L 37/098 (2006.01) F16L 37/091 (2006.01)**
[25] FR
[54] **TUBULAR QUICK COUPLING COMPRISING DIVISIBLE RING FOR SECURE FLUID CONNECTION**
[54] **RACCORD TUBULAIRE RAPIDE AVEC BAGUE SECABLE POUR CONNEXION FLUIDIQUE SECURISEE**
[72] CHATELAIN, CLEMENT, FR
[72] RABUT, QUENTIN, FR
[73] A RAYMOND ET CIE, FR
[85] 2018-05-10
[86] 2016-11-07 (PCT/FR2016/052874)
[87] (WO2017/093626)
[30] FR (1561538) 2015-11-30

[11] **3,007,376**
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[51] **Int.Cl. G06K 9/32 (2006.01) G06F 21/32 (2013.01) A61B 5/117 (2016.01) G06K 9/00 (2006.01) G06K 9/36 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CAPTURING BIOMETRIC DATA**
[54] **PROCEDES ET SYSTEMES DE SAISIE DE DONNEES BIOMETRIQUES**
[72] SAHIN, TEVFIK BURAK, US
[72] WHITE, CONOR ROBERT, US
[72] PEIRCE, MICHAEL, IE
[72] SEZILLE, NICOLAS JACQUES JEAN, IE
[73] DAON HOLDINGS LIMITED, KY
[86] (3007376)
[87] (3007376)
[22] 2012-01-19
[62] 2,764,773
[30] US (13/010,443) 2011-01-20
[30] US (13/025,729) 2011-02-11

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[13] C
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01) F24F 13/30 (2006.01)**
[25] EN
[54] **CONDENSER FOR A PORTABLE DEHUMIDIFIER**
[54] **CONDENSEUR DESTINE A UN DESHUMIDIFICATEUR PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A, JR., US
[72] VERHOEVEN, JEROME, US
[73] THERMA-STOR LLC, US
[86] (3007555)
[87] (3007555)
[22] 2018-06-07
[30] US (15/632,723) 2017-06-26

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[13] C
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01) F24F 13/00 (2006.01)**
[25] EN
[54] **PORTABLE DESICCANT DEHUMIDIFIER**
[54] **DESHUMIFDIFICATEUR DESSICCATIF PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[73] THERMA-STOR LLC, US
[86] (3007569)
[87] (3007569)
[22] 2018-06-07
[30] US (15/632,622) 2017-06-26

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[13] C
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01) F24F 13/00 (2006.01)**
[25] EN
[54] **FAN BRACKET FOR A PORTABLE DEHUMIDIFIER**
[54] **SUPPORT DE VENTILATEUR POUR UN DESHUMIDIFICATEUR PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[73] THERMA-STOR LLC, US
[86] (3007573)
[87] (3007573)
[22] 2018-06-07
[30] US (15/632,740) 2017-06-26

[11] **3,007,588**
[13] C
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 11/62 (2018.01) F24F 3/14 (2006.01)**
[25] EN
[54] **PORTABLE DESICCANT DEHUMIDIFIER CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE DE DESHUMIDIFICATEUR DESSICCATIF PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[73] THERMA-STOR LLC, US
[86] (3007588)
[87] (3007588)
[22] 2018-06-07
[30] US (15/632,673) 2017-06-26

[11] **3,007,590**
[13] C
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 11/52 (2018.01) F24F 3/14 (2006.01)**
[25] EN
[54] **CONTROL PANEL FOR A PORTABLE DEHUMIDIFIER**
[54] **PANNEAU DE COMMANDE POUR UN DESHUMIDIFICATEUR PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A., JR., US
[72] VERHOEVEN, JEROME, US
[73] THERMA-STOR LLC, US
[86] (3007590)
[87] (3007590)
[22] 2018-06-07
[30] US (15/632,928) 2017-06-26

[11] **3,007,596**
[13] C
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01) F24F 13/00 (2006.01)**
[25] EN
[54] **DESICCANT WHEEL FOR A PORTABLE DEHUMIDIFIER**
[54] **ROUE DESHYDRATANTE POUR UN DESHUMIDIFICATEUR PORTATIF**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
[73] THERMA-STOR LLC, US
[86] (3007596)
[87] (3007596)
[22] 2018-06-07
[30] US (15/632,788) 2017-06-26

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[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **PORTABLE STACKABLE DEHUMIDIFIER**
[54] **DESHUMIDIFICATEUR EMPILABLE PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A., JR., US
[72] VERHOEVEN, JEROME, US
[73] THERMA-STOR LLC, US
[86] (3007602)
[87] (3007602)
[22] 2018-06-07
[30] US (15/632,782) 2017-06-26

[11] **3,007,611**
[13] C
[51] **Int.Cl. F24F 1/04 (2011.01) F24F 3/14 (2006.01)**
[25] EN
[54] **WATER RESERVOIR FOR A PORTABLE DEHUMIDIFIER**
[54] **RESERVOIR D'EAU DESTINE A UN DESHUMIDIFICATEUR PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A., JR., US
[72] VERHOEVEN, JEROME, US
[73] THERMA-STOR LLC, US
[86] (3007611)
[87] (3007611)
[22] 2018-06-07
[30] US (15/632,812) 2017-06-26

[11] **3,008,073**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) B42D 1/00 (2006.01) G09B 19/24 (2006.01)**
[25] EN
[54] **TOOL SIMULATION SYSTEM, SIMULATION WORKPIECE, AND METHOD OF OPERATION**
[54] **SYSTEME DE SIMULATION D'OUTIL, PIECE DE SIMULATION ET PROCEDE DE FONCTIONNEMENT**
[72] CAMPBELL, IAN, CA
[72] YU, CHUN, CA
[72] REIDINGER, LUKAS, CA
[73] CWB GROUP - INDUSTRY SERVICES, CA
[86] (3008073)
[87] (3008073)
[22] 2018-03-27
[62] 2,999,427

[11] **3,008,087**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) B42D 15/00 (2006.01) G09B 19/24 (2006.01)**
[25] EN
[54] **TOOL SIMULATION SYSTEM, SIMULATION WORKPIECE, AND METHOD OF OPERATION**
[54] **SYSTEME DE SIMULATION D'OUTIL, PIECE DE TRAVAIL DE SIMULATION ET METHODE D'UTILISATION**
[72] CAMPBELL, IAN, CA
[72] REIDINGER, LUKAS, CA
[72] YU, CHUN, CA
[73] CWB GROUP - INDUSTRY SERVICES, CA
[86] (3008087)
[87] (3008087)
[22] 2018-03-27
[62] 2,999,427

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[25] EN
[54] **SAFETY MODULE AND CHARGING STATION PROVIDED WITH A SAFETY MODULE**
[54] **MODULE DE SECURITE ET STATION DE CHARGE MUNIE D'UN MODULE DE SECURITE**
[72] HELNERUS, STEFAN, DE
[72] HEBELMANN, DANIEL, DE
[72] JUNDEL, SVEN, DE
[72] WAFFNER, JURGEN, DE
[73] INNOGY SE, DE
[85] 2018-06-18
[86] 2016-10-26 (PCT/EP2016/075759)
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[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **TOUCH EVENT MODEL**
[54] **MODELE D'EVENEMENTS PAR TOUCHE(S)**
[72] BEAVER, JASON CLAY, US
[72] PLATZER, ANDREW, US
[73] APPLE INC., US
[86] (3011844)
[87] (3011844)
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[62] 2,931,604
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[25] EN
[54] **THREE-DIMENSIONAL SHAPING APPARATUS**
[54] **APPAREILL DE FACONNAGE TRIDIMENSIONNEL**
[72] AMAYA, KOUICHI, JP
[72] KATO, TOSHIHIKO, JP
[72] MIDORIKAWA, TETSUSHI, JP
[72] YOSHIDA, MITSUYOSHI, JP
[72] SHIMIZU, KAZUHIRO, JP
[73] MATSUURA MACHINERY CORPORATION, JP
[86] (3012328)
[87] (3012328)
[22] 2018-07-25
[30] JP (2017-170283) 2017-09-05

[11] **3,013,523**
[13] C
[51] **Int.Cl. G05B 15/02 (2006.01)**
[25] EN
[54] **HOME AUTOMATION SYSTEM**
[54] **SYSTEME DOMOTIQUE**
[72] BECKER, GERNOT, DE
[73] INNOGY SE, DE
[85] 2018-08-02
[86] 2016-10-26 (PCT/EP2016/075761)
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[30] DE (10 2016 102 402.3) 2016-02-11

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[13] C
[51] **Int.Cl. F03D 1/06 (2006.01) F03D 80/00 (2016.01)**
[25] EN
[54] **SERRATED TRAILING EDGE PANEL FOR A WIND TURBINE BLADE**
[54] **PANNEAU DE BORD DE FUITE DENTELE POUR PALE D'EOLIENNE**
[72] HOEG, JESPER, DK
[72] ANSHOLM RASMUSSEN, KIM, DK
[72] KILDEGAARD, CASPER, DK
[72] LEHMANN MADSEN, KRISTIAN, DK
[73] LM WP PATENT HOLDING A/S, DK
[85] 2018-08-08
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[51] **Int.Cl. H04L 25/03 (2006.01) H04L 27/26 (2006.01) H04L 27/00 (2006.01)**
[25] EN
[54] **METHOD, RECEIVER, AND COMPUTER IMPLEMENTED METHOD FOR DECODING SET OF PACKETS ASYNCHRONOUSLY**
[54] **PROCEDE, RECEPTEUR ET PROCEDE MIS EN □UVRE PAR ORDINATEUR PERMETTANT DE DECODER UN ENSEMBLE DE PAQUETS DE MANIERE ASYNCHRONE**
[72] PAJOVIC, MILUTIN, US
[72] SHULKIND, GAL, US
[72] ORLIK, PHILIP, US
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-08-09
[86] 2016-05-25 (PCT/JP2016/066086)
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[51] **Int.Cl. B60C 11/16 (2006.01)**
[25] EN
[54] **STUD FOR A PNEUMATIC VEHICLE TIRE, AND METHOD FOR PRODUCING A STUD**
[54] **TIGE DESTINEE A UN PNEU DE VEHICULE PNEUMATIQUE ET METHODE DE PRODUCTIOND'UNE TIGE**
[72] BERGER, CHRISTOPH, DE
[72] SCHLITTENHARD, JAN, DE
[72] GASSNER, FRIEDRICH, DE
[73] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
[85] 2018-08-15
[86] 2017-02-28 (PCT/EP2017/054544)
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[51] **Int.Cl. G06K 19/077 (2006.01) H01L 23/12 (2006.01) H01L 23/48 (2006.01)**
[25] EN
[54] **INTEGRATED CIRCUIT MODULES AND SMART CARDS INCORPORATING THE SAME**
[54] **MODULES DE CIRCUITS INTEGRES ET CARTES INTELLIGENTES INCORPORANT LESDITS MODULES**
[72] NG, ENG SENG, SG
[72] PANG, SZE YONG, SG
[72] HENG, CHENG KIM, SG
[73] SMARTFLEX TECHNOLOGY PTE LTD, SG
[85] 2018-08-24
[86] 2018-02-15 (PCT/SG2018/050074)
[87] (3015300)
[30] SG (PCT/SG2017/050423) 2017-08-28

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[25] EN
[54] **CENTRIFUGE ROTOR WITH STAGGERED NOZZLES FOR USE IN A DISC NOZZLE CENTRIFUGE**
[54] **ROTOR CENTRIFUGE A BUSES EN QUINCONCE DESTINE A UNE UTILISATION DANS UNE CENTRIFUGEUSE A BUSES ET A DISQUES**
[72] FRANKO, ANDREW, US
[73] FLUID-QUIP, INC., US
[85] 2018-09-24
[86] 2017-03-23 (PCT/US2017/023785)
[87] (WO2017/165631)
[30] US (62/312,782) 2016-03-24

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[51] **Int.Cl. B01F 17/52 (2006.01) B01F 3/08 (2006.01) D21C 3/00 (2006.01)**
[25] EN
[54] **CELLULOSE FILAMENT-STABILIZED PICKERING EMULSIONS**
[54] **EMULSIONS DE PICKERING STABILISEES PAR DES FILAMENTS DE CELLULOSE**
[72] HAMAD, WADOOD YASSER, CA
[72] MIAO, CHUANWEI, CA
[73] FPINNOVATIONS, CA
[85] 2018-11-16
[86] 2017-06-16 (PCT/CA2017/050736)
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[30] US (62/352,079) 2016-06-20

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[13] C
[51] **Int.Cl. B60W 50/08 (2012.01)**
[25] EN
[54] **DRIVING CONTROL METHOD AND DRIVING CONTROL APPARATUS**
[54] **PROCEDE DE COMMANDE DE CONDUITE ET DISPOSITIF DE COMMANDE DE CONDUITE**
[72] HIRAMATSU, MACHIKO, JP
[72] SUNDA, TAKASHI, JP
[72] NEMOTO, HIDEAKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-11-26
[86] 2016-05-27 (PCT/JP2016/065737)
[87] (WO2017/203694)

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[51] **Int.Cl. E21B 43/241 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE RECOVERY SYSTEM WITH TRANSVERSE SOLVENT INJECTORS AND RELATED METHODS**
[54] **SYSTEME DE RECUPERATION DE RESSOURCE EN HYDROCARBURES AVEC DES INJECTEURS DE SOLVANT TRANSVERSAUX ET PROCEDES CONNEXES**
[72] WRIGHT, BRIAN N., US
[72] MACPHAIL, WARREN, CA
[72] WATT, ALAN, CA
[73] EAGLE TECHNOLOGY, LLC, US
[86] (3031649)
[87] (3031649)
[22] 2019-01-25
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[25] EN
[54] **DOUBLE ICE CUBE TRAY WITH DIVIDER**
[54] **BAC A GLACONS DOUBLE AVEC DIVISEUR**
[72] MICHEL, LAPOINTE, CA
[71] MICHEL, LAPOINTE, CA
[22] 2017-12-27
[41] 2019-06-27

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[21] **2,990,129**
[13] A1
[51] **Int.Cl. B25H 3/04 (2006.01) A47B 81/00 (2006.01)**
[25] EN
[54] **HAND TOOL HOLDING RACK ASSEMBLY**
[54] **ENSEMBLE DE SUPPORT DE MAINTIEN D'OUTIL MANUEL**
[72] KAO, JUI-CHIEN, TW
[71] KAO, JUI-CHIEN, CN
[22] 2017-12-27
[41] 2019-06-27

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[13] A1
[51] **Int.Cl. B25D 1/16 (2006.01) B25D 1/00 (2006.01)**
[25] EN
[54] **VERSATILE SLIDE HAMMER METHOD AND APPARATUS**
[54] **METHODE POLYVALENTE DE REDRESSEMENT PAR INERTIE ET APPAREIL**
[72] CHARTIER, GARY C., CA
[71] CHARTIER, GARY C., CA
[22] 2017-12-27
[41] 2019-06-27

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[13] A1
[51] **Int.Cl. G01R 31/28 (2006.01) G01R 31/303 (2006.01) G06F 3/14 (2006.01) H01L 21/00 (2006.01)**
[25] EN
[54] **REVERSE ENGINEERING DATA ANALYSIS SYSTEM, AND INTEGRATED CIRCUIT COMPONENT DATA PROCESSING TOOL AND METHOD THEREOF**
[54] **SYSTEME D'ANALYSE DE DONNEES D'INGENIERIE INVERSE, ET OUTIL DE TRAITEMENT DE DONNEES DE COMPOSANT DE CIRCUIT INTEGRE ET METHODE ASSOCIEE**
[72] GREEN, MICHAEL, CA
[71] TECHINSIGHTS INC., CA
[22] 2017-12-28
[41] 2019-06-28

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[13] A1
[51] **Int.Cl. B65D 55/02 (2006.01) B65D 43/16 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **LOCKING DEVICE**
[54] **DISPOSITIF DE BLOCAGE**
[72] MARTIN, JAMES L., II, US
[72] REEB, DAVID L., US
[71] SERIO-US INDUSTRIES, INC., US
[22] 2017-12-28
[41] 2019-06-28

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[13] A1
[51] **Int.Cl. A41B 9/00 (2006.01) A41D 1/084 (2018.01) A41B 9/02 (2006.01)**
[25] EN
[54] **COMPRESSION SHORTS**
[54] **CULOTTES DE COMPRESSION**
[72] PUNI, VISHAL, CA
[71] PUNI, VISHAL, CA
[22] 2017-12-29
[41] 2019-06-29

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[13] A1
[51] **Int.Cl. B25J 11/00 (2006.01) B25J 5/00 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **AUTOMATED SAND GROOMING ROBOT**
[54] **ROBOT DE SABLAGE AUTOMATISE**
[72] EISLER, KURTIS, CA
[71] EISLER, KURTIS, CA
[71] MOSES, JOHN, CA
[22] 2017-12-29
[41] 2019-06-29

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[13] A1
[51] **Int.Cl. B01D 17/06 (2006.01) B01D 21/26 (2006.01) B01D 45/12 (2006.01) B01D 50/00 (2006.01)**
[25] EN
[54] **PRESSURIZED ELECTRO-SEPARATION SYSTEM**
[54] **SYSTEME D'ELECTROSEPARATION SOUS PRESSION**
[72] FRISKY, SEAN, CA
[72] BEAUDIN, JASON, CA
[72] LEE, JUSTIN, CA
[71] GROUND EFFECTS ENVIRONMENTAL SERVICES INC., CA
[22] 2017-12-28
[41] 2019-06-28

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[13] A1
[51] **Int.Cl. A01D 43/077 (2006.01) A01D 41/12 (2006.01) A01D 75/00 (2006.01) A01F 29/10 (2006.01)**
[25] EN
[54] **FINGER DRIVE FOR A CROP FEED ROLLER**
[54] **ENTRAINEMENT A DOIGTS DE ROULEAU D'ALIMENTATION DE RECOLTE**
[72] MACMILLAN, MYLES B., CA
[72] ENNS, JOHN E., CA
[72] PARSON, KENNETH R., CA
[71] MACDON INDUSTRIES LTD., CA
[22] 2017-12-29
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[51] **Int.Cl. F16M 11/42 (2006.01) B61B 13/00 (2006.01) F16M 11/20 (2006.01) G06K 9/62 (2006.01) G08B 13/196 (2006.01) G08B 25/10 (2006.01) G08C 17/02 (2006.01) H04N 21/80 (2011.01)**
[25] EN
[54] **METHOD FOR CLOSELY MONITORING LARGER AREAS WITH FEWER CAMERAS**
[54] **METHODE DE SURVEILLANCE ETROITE DE VASTES ESPACES A L'AIDE D'UN MOINS GRAND NOMBRE DE CAMERAS**
[72] EISLER, KURTIS, CA
[71] EISLER, KURTIS, CA
[22] 2017-12-29
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[51] **Int.Cl. G08B 17/06 (2006.01) A01K 13/00 (2006.01) E04B 1/94 (2006.01) G05B 19/042 (2006.01) G08B 13/196 (2006.01) G08B 25/10 (2006.01) G08B 25/14 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATED LIVESTOCK RELEASE**
[54] **SYSTEME DE LIBERATION DE BETAIL AUTOMATISEE**
[72] EISLER, KURTIS, CA
[71] EISLER, KURTIS, CA
[71] MOSES, JOHN, CA
[22] 2017-12-29
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[51] **Int.Cl. E03C 1/05 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **TOUCH SPRAY HEAD**
[54] **TETE DE PULVERISATEUR TACTILE**
[72] CHIU, HUILING, TW
[72] YUAN, CHIAHUA, TW
[72] LIN, YIPING, TW
[72] CHANG, YUANHAO, TW
[71] GLOBE UNION INDUSTRIAL CORP., TW
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[13] A1
[51] **Int.Cl. A01K 85/00 (2006.01)**
[25] EN
[54] **FISH LURE**
[54] **LEURRE DE PECHE**
[72] RICHARDSON, DOUGLAS, CA
[71] RICHARDSON, DOUGLAS, CA
[22] 2017-12-28
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[51] **Int.Cl. B01D 29/11 (2006.01) B01D 29/62 (2006.01)**
[25] EN
[54] **HORIZONTAL SAND SEPARATOR ASSEMBLY**
[54] **ASSEMBLAGE DE SEPARATEUR DE SABLE HORIZONTAL**
[72] MORIN, JUSTIN, CA
[72] NAGGE, RORY, CA
[71] DYNACORP FABRICATORS INC., CA
[22] 2018-01-02
[41] 2019-06-29
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[51] **Int.Cl. E04B 5/16 (2006.01) E04B 5/18 (2006.01)**
[25] EN
[54] **STRUCTURAL FRAME FOR A BUILDING AND METHOD OF CONSTRUCTING THE SAME**
[54] **CADRE STRUCTUREL DE BATIMENT ET METHODE D'UTILISATION ASSOCIEE**
[72] RUTLEDGE, GERRY, CA
[72] DIKIC, DEJAN, CA
[72] MURAVLIJOV, NIKOLA, RS
[71] RUTLEDGE, GERRY, CA
[71] DIKIC, DEJAN, CA
[71] MURAVLIJOV, NIKOLA, RS
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[51] **Int.Cl. F21S 4/10 (2016.01) F21K 9/00 (2016.01) F21S 4/00 (2016.01) F21V 21/00 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DIODE FIXTURE AND LIGHT EMITTING DIODE LIGHTING SYSTEM**
[54] **APPAREIL A DIODE ELECTROLUMINESCENTE ET SYSTEME D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE**
[72] MILLER, GREGORY MARC, CA
[72] HANN, ALEXANDER CHARLES, CA
[71] AVAILED TECHNOLOGIES CORP., CA
[22] 2017-12-27
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[25] EN
[54] **REDUCED NOISE RECIPROCATING PNEUMATIC MOTOR**
[54] **MOTEUR PNEUMATIQUE ALTERNATIF A BRUIT REDUIT**
[72] JORGENSEN, RYAN, US
[72] FENG, FU JIANG, US
[71] SHINN FU CORPORATION, TW
[22] 2018-01-26
[41] 2019-06-28
[30] US (15/856,563) 2017-12-28

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[13] A1
[51] **Int.Cl. E21B 17/04 (2006.01) E21B 17/046 (2006.01)**
[25] EN
[54] **END FITTING FOR SUCKER RODS**
[54] **RACCORD D'EXTREMITE DE TIGES DE POMPAGE**
[72] HRICISAK, KAROL, US
[72] GERNENTZ, RYAN SCOTT, US
[71] ENDURANCE LIFT SOLUTIONS, LLC, US
[22] 2018-03-26
[41] 2019-06-27
[30] US (15/855,793) 2017-12-27

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[51] **Int.Cl. B60Q 1/30 (2006.01) B60Q 1/34 (2006.01)**
[25] EN
[54] **LED TAILGATE LIGHT**
[54] **LUMIERE DE HAYON A DEL**
[72] ELWELL, JAMES P., US
[72] XIAOJUN, TIAN, CN
[71] PUTCO, INC., US
[22] 2018-04-13
[41] 2019-06-28
[30] US (15/856,621) 2017-12-28

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[13] A1
[51] **Int.Cl. E04C 5/18 (2006.01) E04B 1/24 (2006.01) E04B 1/38 (2006.01)**
[25] EN
[54] **STRUCTURAL CROSS BRACING SYSTEM**
[54] **SYSTEME DE SUPPORT CROISE STRUCTUREL**
[72] KOLLINGER, MICHAEL, CA
[71] KOLLINGER, MICHAEL, CA
[22] 2018-04-17
[41] 2019-06-27
[30] US (15/855,978) 2017-12-27

[21] **3,002,984**
[13] A1
[51] **Int.Cl. B65G 15/14 (2006.01) B65G 43/00 (2006.01)**
[25] EN
[54] **IMPROVED CONTROL APPARATUS FOR CONVEYOR OF PARTICULATE MATERIAL**
[54] **APPAREIL DE CONTROLE AMELIORE D'UN TRANSPORTEUR A COURROIE DE MATIERE PARTICULAIRE**
[72] MAGUIRE, DENNIS R., CA
[71] MAGUIRE SUPER-SHIELD LTD., CA
[22] 2018-04-27
[41] 2019-06-29
[30] US (62/611,667) 2017-12-29

[21] **3,013,862**
[13] A1
[51] **Int.Cl. H01R 43/048 (2006.01) B25B 27/02 (2006.01) H01R 4/18 (2006.01)**
[25] EN
[54] **POWER SWAGE TOOL**
[54] **OUTIL ELECTRIQUE DE SOUAGE**
[72] KHANSA, EYASS, US
[72] MCMICHAEL, MARK, US
[72] PEREZ, ROY, US
[71] DMC POWER, INC., US
[22] 2018-08-09
[41] 2019-06-28
[30] US (15/857,335) 2017-12-28

[21] **3,015,766**
[13] A1
[51] **Int.Cl. F16F 7/12 (2006.01) A62B 1/12 (2006.01) A62B 35/04 (2006.01) F16F 3/00 (2006.01)**
[25] EN
[54] **FORCE DAMPER**
[54] **ATTENUATEUR DE FORCE**
[72] CARROCCIA, JOHN J., US
[72] MURRAY, JEFFREY L., US
[71] ON TOP SAFETY COMPANY, INC., US
[22] 2018-08-29
[41] 2019-06-27
[30] US (62/610,786) 2017-12-27
[30] US (16/113.618) 2018-08-27

[21] **3,015,826**
[13] A1
[51] **Int.Cl. B01D 53/64 (2006.01) B01D 53/02 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLOSED LOOP DEHYDRATION OF A MERCURY REMOVAL UNIT**
[54] **SYSTEMES ET METHODES DE DESHYDRATATION EN BOUCLE FERMEE D'UN MODULE D'EXTRACTION DE MERCURE**
[72] MARSHALL, ROBERT E., IV, US
[72] TAFRESHI, SAHAM SAM, US
[71] CHEVRON U.S.A. INC., US
[22] 2018-08-28
[41] 2019-06-28
[30] US (15/856259) 2017-12-28

[21] **3,016,648**
[13] A1
[51] **Int.Cl. H04N 21/80 (2011.01) G08C 17/02 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMICALLY MASKING VIDEO AND IMAGES CAPTURED A DRONE DEVICE CAMERA**
[54] **SYSTEMES ET METHODES DE MASQUAGE DYNAMIQUE DE VIDEO ET D'IMAGES CAPTUREES PAR UNE CAMERA D'UN APPAREIL A DRONE**
[72] SALGAR, MAYUR S., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-09-05
[41] 2019-06-27
[30] US (15/855,055) 2017-12-27

[21] **3,016,714**
[13] A1
[51] **Int.Cl. H04W 24/04 (2009.01) H04W 72/02 (2009.01) H04W 72/12 (2009.01) H04W 80/04 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EFFICIENT UTILIZATION OF WIRELESS BANDWIDTH**
[54] **SYTEMES ET METHODES D'UTILISATION EFFICACE DE LARGEUR DE BANDE SANS FIL**
[72] BEEMA, VISHNU VARDHAN REDDY, US
[72] SURESH, SANDEEP, US
[72] ESKILDSEN, KENNETH, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-09-05
[41] 2019-06-26
[30] US (15/854,204) 2017-12-26

[21] **3,016,720**
[13] A1
[51] **Int.Cl. G08B 29/18 (2006.01) H04W 72/08 (2009.01) H04W 84/20 (2009.01) H04B 17/309 (2015.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COOPERATIVE NETWORK MANAGEMENT**
[54] **SYSTEMES ET METHODES DE GESTION DE RESEAU COOPERATIVE**
[72] LAKSHMINARAYAN, NAGARAJ CHICKMAGALUR, US
[72] SURESH, SANDEEP, US
[72] PRAKASH, SACHIN MAGANTI, US
[72] MUGADA, BRAHMAJI, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-09-05
[41] 2019-06-27
[30] US (15/855,689) 2017-12-27

[21] **3,017,074**
[13] A1
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/81 (2011.01) H04N 5/262 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTELLIGENTLY RECORDING VIDEO DATA STREAMS**
[54] **SYSTEMES ET METHODES D'ENREGISTREMENT INTELLIGENT DE FLUX DE DONNEES VIDEO**
[72] JOSE, VINU, US
[72] VISHNU, NIDHIN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-09-10
[41] 2019-06-28
[30] US (15/856,839) 2017-12-28

[21] **3,018,339**
[13] A1
[51] **Int.Cl. G08B 13/193 (2006.01) G08B 13/191 (2006.01)**
[25] EN
[54] **CEILING MOUNT INTRUSION DETECTOR WITH PIR MIRROR WITH ADJUSTABLE MOUNT HEIGHT**
[54] **DETECTEUR D'INTRUSION INSTALLE AU PLAFOND AVEC MIROIR PIR A HAUTEUR D'INSTALLATION AJUSTABLE**
[72] XU, HAIDONG, US
[72] ZHU, DONGLIANG, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-09-21
[41] 2019-06-28
[30] US (15/856,436) 2017-12-28

[21] **3,019,806**
[13] A1
[51] **Int.Cl. G08B 29/00 (2006.01) G08B 13/00 (2006.01) G08B 13/19 (2006.01) G08B 13/22 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTRUSION DETECTION USING SELECTIVE MASKING**
[54] **SYSTEMES ET METHODES DE DETECTION D'INTRUSION AU MOYEN DE MASQUAGE SELECTIF**
[72] JOSEPH, VIBGY, US
[72] MARAKKANNU, SAKTHI PRAKASH, US
[72] SIVAKUMAR, BALAJI BHATHEY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-10-03
[41] 2019-06-29
[30] US (15/858,046) 2017-12-29

[21] **3,019,808**
[13] A1
[51] **Int.Cl. G02B 7/182 (2006.01) G01J 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADJUSTING OPTICAL SECURITY SENSOR MIRRORS**
[54] **SYSTEMES ET METHODES D'AJUSTEMENT DE MIROIRS DE DETECTEUR DE SECURITE OPTIQUES**
[72] XU, GUOBIN, US
[72] XU, HAIDONG, US
[72] ZHANG, NING, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-10-03
[41] 2019-06-28
[30] US (15/856,328) 2017-12-28

[21] **3,021,400**
[13] A1
[51] **Int.Cl. A47C 7/62 (2006.01) A47C 4/00 (2006.01) A47C 7/54 (2006.01)**
[25] EN
[54] **FOLDING CHAIR ARMREST WITH INTEGRATED CUP HOLDER**
[54] **BRAS DE CHAISE PLIANTE A PORTE-GOBELET INTEGRE**
[72] GARRISON, SCOTT, US
[72] FANG, KALMAN, CN
[71] RIO BRANDS, LLC, US
[22] 2018-10-19
[41] 2019-06-25
[30] US (15/853,957) 2017-12-25

[21] **3,021,472**
[13] A1
[51] **Int.Cl. F15B 20/00 (2006.01) F15B 15/00 (2006.01) F15B 15/20 (2006.01)**
[25] EN
[54] **HYDRAULIC NO-BACK DEVICE**
[54] **DISPOSITIF HYDRAULIQUE SANS RAPPEL**
[72] SERRICCHIO, VINCENZO, IT
[72] MORNACCHI, ANDREA, IT
[72] TAFUNI, DOMENICO, IT
[71] MICROTECNICA S.R.L., IT
[22] 2018-10-18
[41] 2019-06-29
[30] EP (17211099.1) 2017-12-29

[21] **3,021,492**
[13] A1
[51] **Int.Cl. B64C 13/50 (2006.01)**
[25] EN
[54] **HORIZONTAL STABILIZER TRIM ACTUATOR ASSEMBLY**
[54] **ASSEMBLAGE D'ACTIONNEUR DE BORDURE DE STABILISATEUR HORIZONTAL**
[72] MEDINA, RAPHAEL, FR
[71] GOODRICH ACTUATION SYSTEMS SAS, FR
[22] 2018-10-18
[41] 2019-06-28
[30] EP (17306961.8) 2017-12-28

[21] **3,022,082**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G07C 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AN AFFINITY GROUP**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION D'UN GROUPE D'AFFINITE**
[72] VADAMALAYAN, MUTHURAMJI, US
[72] SUBBIAN, DEEPAKUMAR, US
[72] PERIYASAMY, KATHIRESAN, US
[72] GURUDOSS, MALAYAPPAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-10-24
[41] 2019-06-28
[30] US (15/856,214) 2017-12-28

[21] **3,023,755**
[13] A1
[51] **Int.Cl. E06B 9/388 (2006.01) E06B 9/307 (2006.01)**
[25] EN
[54] **SLAT ANGLE ADJUSTMENT MECHANISM FOR WINDOW BLINDS**
[54] **MECANISME D'AJUSTEMENT D'ANGLE DE LATTE DESTINE A DES STORES**
[72] JACKSON, NICHOLAS, US
[72] SERVIES, NICHOLAS, US
[71] HOME DEPOT INTERNATIONAL, INC., US
[22] 2018-11-09
[41] 2019-06-28
[30] US (15/857,294) 2017-12-28

[21] **3,024,249**
[13] A1
[51] **Int.Cl. H02K 1/28 (2006.01) B82Y 30/00 (2011.01) H02K 1/27 (2006.01) H02K 15/03 (2006.01)**
[25] EN
[54] **NANO-CRYSTALLINE COATING FOR MAGNET RETENTION IN A ROTOR ASSEMBLY**
[54] **REVETEMENT NANOCRISTALLIN POUR LA RETENTION D'AIMANT DANS UN ASSEMBLAGE DE ROTOR**
[72] LODER, DAVID, US
[72] FUI HEN CHONG, ELLIS, GB
[72] RICE, EDWARD CLAUDE, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2018-11-15
[41] 2019-06-27
[30] US (15/855,956) 2017-12-27

[21] **3,025,221**
[13] A1
[51] **Int.Cl. F24F 13/32 (2006.01) F24F 1/10 (2011.01) F16M 1/00 (2006.01)**
[25] EN
[54] **SUPPORT SYSTEMS AND METHODS FOR HVAC SYSTEMS**
[54] **SYSTEMES DE SUPPORT ET METHODES DESTINES A DES SYSTEMES CVCA**
[72] RUHLANDER, GREGORY PHILLIP, US
[71] LENNOX INDUSTRIES INC., US
[22] 2018-11-26
[41] 2019-06-26
[30] US (15/854,516) 2017-12-26

[21] **3,026,395**
[13] A1
[51] **Int.Cl. B62D 3/12 (2006.01) B62D 5/00 (2006.01)**
[25] EN
[54] **STEERING DEVICE**
[54] **DISPOSITIF DE DIRECTION**
[72] MIYAKE, SOICHIRO, JP
[71] KYB CORPORATION, JP
[22] 2018-12-04
[41] 2019-06-28
[30] JP (2017-253605) 2017-12-28

[21] **3,027,094**
[13] A1
[51] **Int.Cl. C09K 3/10 (2006.01)**
[25] EN
[54] **HELICALLY-PACKAGED EXPANSION JOINT SEAL SYSTEM**
[54] **SYSTEME DE JOINT DE DILATATION CONDITIONNE DE MANIERE HELICOIDALE**
[72] ROBINSON, STEVEN R., US
[71] SCHUL INTERNATIONAL COMPANY, LLC, US
[22] 2018-12-11
[41] 2019-06-26
[30] US (15/854,152) 2017-12-26

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[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) B60W 50/02 (2012.01) G06F 7/00 (2006.01)**
[25] FR
[54] **ELECTRONIC CALCULATOR OF IMPLEMENTATION OF AT LEAST ONE CRITICAL FUNCTION, ASSOCIATED ELECTRONIC DEVICE, PROCESS AND COMPUTER PROGRAMS**
[54] **CALCULATEUR ELECTRONIQUE DE MISE EN OEUVRE D'AU MOINS UNE FONCTION CRITIQUE, DISPOSITIF ELECTRONIQUE, PROCEDE ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] BOSSON, JOEL, FR
[72] CLEMENT, FREDERICK, FR
[72] CADOTTE, PATRICK, FR
[72] FUMEY, MARC, FR
[72] RECULEAU, JEAN-CHRISTOPHE, FR
[71] THALES, FR
[22] 2018-12-11
[41] 2019-06-26
[30] FR (17 01366) 2017-12-26

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[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) B22F 1/02 (2006.01) B33Y 70/00 (2015.01) B22F 3/105 (2006.01)**
[25] EN
[54] **METAL POWDER MATERIAL**
[54] **MATERIAU DE POUDRE METALLIQUE**
[72] OKUMURA, TEPPEI, JP
[72] SEKIMOTO, KOICHIRO, JP
[71] DAIDO STEEL CO., LTD., JP
[22] 2018-12-17
[41] 2019-06-26
[30] JP (2017-248868) 2017-12-26

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[13] A1
[51] **Int.Cl. F04B 47/00 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01) F04B 53/10 (2006.01)**
[25] EN
[54] **MODULAR SUBSURFACE LIFT ENGINE**
[54] **MOTEUR DE LEVAGE SOUTERRAIN MODULAIRE**
[72] HRUPP, JOZE J., US
[71] EXACTA-FRAC ENERGY SERVICES, INC., US
[22] 2018-12-17
[41] 2019-06-26
[30] US (62/610,323) 2017-12-26
[30] US (16/220,391) 2018-12-14

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[13] A1
[51] **Int.Cl. B64C 25/22 (2006.01) B64C 25/26 (2006.01)**
[25] EN
[54] **AIRCRAFT ASSEMBLY**
[54] **DISPOSITIF D'AERONEF**
[72] EVANS, ROYSTON, GB
[72] SHAW, PAUL, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2018-12-14
[41] 2019-06-28
[30] EP (17210865.6) 2017-12-28

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[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/35 (2016.01) G05G 5/03 (2009.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **HAPTIC FEEDBACK DEVICE, SYSTEM AND METHOD FOR OPERATION OF A MEDICAL TOOL**
[54] **DISPOSITIF DE RETROACTION HAPTIQUE, SYSTEME ET METHODE D'OPERATION D'UN OUTIL MEDICAL**
[72] INGEL, MOSCHE, IL
[72] LUDWIN, DORON MOSCHE, IL
[72] DULGER, OLEG, IL
[72] ASHKINEZER, BORIS, IL
[72] LEVY, DROR SHLOMO, IL
[72] BONYAK, YEVGENY, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-12-18
[41] 2019-06-28
[30] US (62/611,228) 2017-12-28
[30] US (16/117,961) 2018-08-30

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[21] **3,027,934**
[13] A1
[51] **Int.Cl. A61L 2/16 (2006.01) A61L 2/04 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR CLEANING, DISINFECTION, STERILIZATION, OR COMBINATIONS THEREOF**
[54] **PROCEDE ET APPAREIL DE NETTOYAGE, DESINFECTION, STERILISATION OU DE COMBINAISONS DE CEUX-CI**
[72] FOX, MORRIS FULLER, III, US
[71] ETHICON, INC., US
[22] 2018-12-18
[41] 2019-06-26
[30] US (15/854,369) 2017-12-26

[21] **3,027,937**
[13] A1
[51] **Int.Cl. G16H 10/00 (2018.01) G06F 16/903 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FACILITATING COMMUNICATION OF HEALTH INFORMATION**
[54] **SYSTEMES ET METHODES DE FACILITATION DE LA COMMUNICATION DE L'INFORMATION SUR LA SANTE**
[72] LIVESAY, JEFF, US
[72] PLETCHER, TIM, US
[71] MICHIGAN HEALTH INFORMATION NETWORK SHARED SERVICES, US
[22] 2018-12-17
[41] 2019-06-27
[30] US (15/855,319) 2017-12-27

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[21] **3,027,980**
[13] A1
[51] **Int.Cl. A61L 2/28 (2006.01) A61L 2/16 (2006.01)**
[25] EN
[54] **STORAGE APPARATUS AND METHOD FOR IDENTIFYING A POSITION OF AN OBJECT**
[54] **APPAREIL DE RANGEMENT ET METHODE D'IDENTIFICATION DE LA POSITION D'UN OBJET**
[72] FANG, YAN, US
[72] NGUYEN, NICK N., US
[72] KHAIR, MOHAMMAD, US
[71] ETHICON, INC., US
[22] 2018-12-18
[41] 2019-06-26
[30] US (15/854,372) 2017-12-26

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[13] A1
[51] **Int.Cl. A61L 2/26 (2006.01) A61L 2/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STORAGE OF A MEDICAL DEVICE**
[54] **SYSTEME ET METHODE DE RANGEMENT D'UN DISPOSITIF MEDICAL**
[72] RHODES, SAMUEL JACKSON, US
[72] HOLGER, NATALIE R., US
[71] ETHICON, INC., US
[22] 2018-12-19
[41] 2019-06-26
[30] US (15/854,378) 2017-12-26

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[13] A1
[51] **Int.Cl. G01N 1/24 (2006.01) G01N 27/62 (2006.01)**
[25] EN
[54] **DEVICE FOR COLLECTING SEMI-VOLATILE OR NON-VOLATILE SUBSTRATE**
[54] **DISPOSITIF DE COLLECTE DE SUBSTRAT SEMI-VOLATILE OU NON-VOLATILE**
[72] ZHANG, QINGJUN, CN
[72] LI, YUANJING, CN
[72] CHEN, ZHIQIANG, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] LIU, YAOHONG, CN
[72] LI, GE, CN
[72] XIE, JINGLI, CN
[72] MA, QUIFENG, CN
[72] CAO, BIAO, CN
[71] NUCTECH COMPANY LIMITED, CN
[71] TSINGHUA UNIVERSITY, CN
[22] 2018-12-20
[41] 2019-06-29
[30] CN (201711473459.3) 2017-12-29

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) A61K 45/00 (2006.01) A61P 31/12 (2006.01) G01N 21/64 (2006.01) G01N 21/76 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING A BORNAVIRUS INFECTION**
[54] **METHODE DE DIAGNOSTIC D'UNE INFECTION VIRALE**
[72] LATTWEIN, ERIK, DE
[72] MEYER, WOLFGANG, DE
[72] SCHLUMBERGER, WOLFGANG, DE
[72] JANZ, JULIA, DE
[72] OTT, ANTHONINA, DE
[72] SCHEPER, THOMAS, DE
[72] SCHMIDT-CHANASIT, JONAS, DE
[72] TAPPE, DENNIS, DE
[71] EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG, DE
[22] 2018-12-20
[41] 2019-06-29
[30] EP (17211138.7) 2017-12-29

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[13] A1
[51] **Int.Cl. A01K 1/03 (2006.01) A47B 3/00 (2006.01) A47B 37/00 (2006.01) A47B 85/06 (2006.01)**
[25] EN
[54] **END TABLE FOR CRATING A PET**
[54] **TABLE DE BOUT SERVANT A BERCER UN ANIMAL DE COMPAGNIE**
[72] XIN, KEVIN, CA
[72] PINARD, JEFFREY, CA
[71] MERRY PRODUCTS CORPORATION, CA
[22] 2018-12-20
[41] 2019-06-27
[30] US (16/223,407) 2018-12-18
[30] US (62/610,587) 2017-12-27

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[13] A1
[51] **Int.Cl. A61L 2/04 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **STERILIZATION TRAY**
[54] **PLATEAU DE STERILISATION**
[72] RHODES, SAMUEL J., US
[71] ETHICON, INC., US
[22] 2018-12-20
[41] 2019-06-29
[30] US (15/858,381) 2017-12-29

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[13] A1
[51] **Int.Cl. F25B 45/00 (2006.01) B01D 53/26 (2006.01) F24F 3/14 (2006.01) F25B 9/00 (2006.01)**
[25] EN
[54] **SUBCRITICAL CARBON DIOXIDE DEHUMIDIFIER**
[54] **DESHUMIDIFICATEUR AU DIOXYDE DE CARBONE SOUS-CRITIQUE**
[72] KUNGL, BEN, CA
[71] OXFORD CO2 TECHNOLOGIES INC., CA
[22] 2018-12-21
[41] 2019-06-28
[30] US (62/611,138) 2017-12-28

[21] **3,028,208**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 17/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **TUBING HANGER ASSEMBLY WITH WELLBORE ACCESS, AND METHOD OF SUPPLYING POWER TO A WELLBORE**
[54] **DISPOSITIF DE SUSPENSION DE COLONNE DE PRODUCTION DOTE D'UN ACCES AU TROU DE FORAGE, ET METHODE DE FOURNITURE D'ALIMENTATION A UN TROU DE FORAGE**
[72] ROSS, STEPHEN C., US
[71] ENERSERV INCORPORATED, US
[22] 2018-12-20
[41] 2019-06-28
[30] US (62/611,490) 2017-12-28
[30] US (16/216,660) 2018-12-11

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[13] A1
[51] **Int.Cl. G10L 17/24 (2013.01) G10L 17/06 (2013.01)**
[25] EN
[54] **LOCALIZING AND VERIFYING UTTERANCES BY AUDIO FINGERPRINTING**
[54] **LOCALISATION ET VERIFICATION D'ENONCES PAR PRISE D'EMPREINTE AUDIO**
[72] CHEN, MICHAEL, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-12-20
[41] 2019-06-29
[30] US (15/858,185) 2017-12-29

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[13] A1
[51] **Int.Cl. F21S 8/04 (2006.01) F21K 9/00 (2016.01) E04F 13/09 (2006.01) F21V 21/02 (2006.01) F21V 7/00 (2006.01)**
[25] EN
[54] **CEILING TILE WITH INTEGRATED LIGHTING AND CEILING TILE SYSTEM**
[54] **TUILE DE PLAFOND COMPORTANT UN ECLAIRAGE INTEGRE ET SYSTEME DE TUILE DE PLAFOND**
[72] EVANS, PHILLIP, US
[71] CERTAINTEED CEILINGS CORPORATION, US
[22] 2018-12-21
[41] 2019-06-29
[30] US (62/611,587) 2017-12-29

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[21] **3,028,284**
[13] A1
[51] **Int.Cl. E04B 9/12 (2006.01) E04B 9/18 (2006.01)**
[25] EN
[54] **SUSPENSION CEILING SUPPORT CLIP**
[54] **PINCE DE SUPPORT DE PLAFOND SUSPENDU**
[72] NEUBEKER, BRYAN, CA
[72] PAOLUCCI, TONY, CA
[72] SALAZAR, LORENZO, US
[72] CZYZEWICZ, ROBIN C., US
[71] CERTAINTEED CEILINGS CORPORATION, US
[22] 2018-12-21
[41] 2019-06-29
[30] US (62/611593) 2017-12-29
[30] US (62/753,791) 2018-10-31

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[21] **3,028,298**
[13] A1
[51] **Int.Cl. H04W 76/10 (2018.01) H04W 12/08 (2009.01) H04W 40/24 (2009.01)**
[25] EN
[54] **NETWORK DEVICE AND WPS CONNECTION METHOD THEREOF**
[54] **DISPOSITIF RESEAU ET METHODE DE CONNEXION WPS ASSOCIEE**
[72] CHIOU, JYH-TZONG, CN
[72] ZHENG, JUN, CN
[72] LEE, CHIN-FANG, CN
[71] ARCADYAN TECHNOLOGY CORPORATION, CN
[22] 2018-12-20
[41] 2019-06-29
[30] CN (106146612) 2017-12-29

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[21] **3,028,302**
[13] A1
[51] **Int.Cl. G01S 19/23 (2010.01)**
[25] EN
[54] **METHOD OF CHECKING THE INTEGRITY OF THE ESTIMATION OF THE POSITION OF A MOBILE CARRIER IN A SATELLITE-BASED POSITIONING MEASUREMENT SYSTEM**
[54] **METHODE DE VERIFICATION DE L'INTEGRITE DE L'ESTIMATION DE LA POSITION D'UN PORTEUR MOBILE DANS UN SYSTEME DE MESURE DE POSITIONNEMENT FONDE SUR UN SATELLITE**
[72] REVOL, MARC, FR
[71] THALES, FR
[22] 2018-12-20
[41] 2019-06-28
[30] FR (1701391) 2017-12-28

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[21] **3,028,308**
[13] A1
[51] **Int.Cl. A61L 2/26 (2006.01)**
[25] EN
[54] **ASEPTIC WORK SYSTEM**
[54] **SYSTEME DE TRAVAIL ASEPTIQUE**
[72] NISHIMURA, TETSUYA, JP
[72] TANIMOTO, KAZUHITO, JP
[71] SHIBUYA CORPORATION, JP
[22] 2018-12-21
[41] 2019-06-27
[30] JP (2017-252426) 2017-12-27

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[21] **3,028,312**
[13] A1
[51] **Int.Cl. F15B 13/08 (2006.01) F15C 3/00 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **PNEUMATIC CONTROL VALVE MANIFOLD**
[54] **COLLECTEUR DE VANNE DE COMMANDE PNEUMATIQUE**
[72] JAMISON, MICHAEL, US
[71] MAC VALVES, INC., US
[22] 2018-12-20
[41] 2019-06-27
[30] US (15/854.914) 2017-12-27

[21] **3,028,316**
[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01) B01D 35/02 (2006.01) F24C 15/10 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **EXTRACTOR FAN APPARATUS FOR EXTRACTING COOKING VAPOURS DOWNWARDS**
[54] **APPAREIL DE VENTILATEUR EXTRACTEUR SERVANT A L'EXTRACTION DES VAPEURS DE CUISSON VERS LE BAS**
[72] NEUNHAUSERER, DANIEL, DE
[72] LACATUSU, PHILIPP, DE
[72] SCHADECK, ALEXANDER, DE
[72] ESCHBAUM, PHILIPP, DE
[72] GOSSLER, SIEGFRIED, DE
[72] BLERSCH, MARIO, DE
[71] BRUCKBAUER, WILHELM, DE
[22] 2018-12-21
[41] 2019-06-27
[30] DE (10 2017 223 828.3) 2017-12-27

[21] **3,028,319**
[13] A1
[51] **Int.Cl. F24F 13/00 (2006.01) F24F 11/67 (2018.01) F24F 1/028 (2019.01) E04F 17/04 (2006.01) F23J 11/02 (2006.01) F24D 3/08 (2006.01) F24D 19/00 (2006.01) F24F 13/30 (2006.01)**
[25] EN
[54] **COMMON VENTING SYSTEM FOR HEATING, COOLING AND DOMESTIC HOT WATER SYSTEMS**
[54] **SYSTEME D'EVENT COMMUN DESTINE AU CHAUFFAGE, AU REFROIDISSEMENT ET AUX SYSTEMES D'EAU CHAUDE DOMESTIQUE**
[72] WHITE, KEITH RICHARD, CA
[71] WHITE, KEITH RICHARD, CA
[22] 2018-12-24
[41] 2019-06-26
[30] US (62/708,804) 2017-12-26
[30] US (16/229,913) 2018-12-21

[21] **3,028,386**
[13] A1
[51] **Int.Cl. H04W 52/08 (2009.01)**
[25] EN
[54] **DYNAMIC MANAGEMENT OF INTERFERENCE AND COVERAGE IN WIRELESS COMMUNICATIONS**
[54] **GESTION DYNAMIQUE D'INTERFERENCE ET COUVERTURE DANS LES COMMUNICATIONS SANS FIL**
[72] RAJENDRAN, KARUPAIAH, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-12-21
[41] 2019-06-27
[30] US (15/855,494) 2017-12-27

[21] **3,028,421**
[13] A1
[51] **Int.Cl. A61L 2/26 (2006.01)**
[25] EN
[54] **STERILIZATION TRAY**
[54] **PLATEAU DE STERILISATION**
[72] RHODES, SAMUEL J., US
[71] ETHICON, INC., US
[22] 2018-12-21
[41] 2019-06-29
[30] US (15/858,576) 2017-12-29

[21] **3,028,425**
[13] A1
[51] **Int.Cl. G01N 1/02 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **SAMPLE COLLECTING AND INTRODUCING DEVICE AND DETECTION SYSTEM**
[54] **DISPOSITIF DE COLLECTE ET INTRODUCTION D'ECHANTILLON ET SYSTEME DE DETECTION**
[72] ZHANG, QINGJUN, CN
[72] LI, YUANJING, CN
[72] CHEN, ZHIQIANG, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] LIU, YAOHONG, CN
[72] LI, GE, CN
[72] CAO, BIAO, CN
[72] XIE, JINGLI, CN
[72] ZHAO, XIAOLIN, CN
[72] MA, QIUFENG, CN
[71] TSINGHUA UNIVERSITY, CN
[71] NUCTECH COMPANY LIMITED, CN
[22] 2018-12-20
[41] 2019-06-26
[30] CN (201711429544.X) 2017-12-26

[21] **3,028,464**
[13] A1
[51] **Int.Cl. G01N 27/62 (2006.01)**
[25] EN
[54] **GAS CHROMATOGRAPHY-ION MOBILITY SPECTROMETRY DETECTOR AND GAS CHROMATOGRAPH-ION MOBILITY SPECTORMETER**
[54] **DETECTEUR A SPECTROMETRIE DE MOBILITE D'ION ET DE CHROMATOGRAPHIE GAZEUSE ET SPECTROMETRE A MOBILITE D'ION ET CHROMATOGRAPHIE GAZEUSE**
[72] ZHANG, QINGJUN, CN
[72] ZHU, WEIPING, CN
[72] LI, YUANJING, CN
[72] CHEN, ZHIQIANG, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] LIU, YOAHONG, CN
[72] MA, QIUFENG, CN
[72] LI, GE, CN
[72] CAO, BIAO, CN
[72] BAI, NAN, CN
[71] NUCTECH COMPANY LIMITED, CN
[71] TSINGHUA UNIVERSITY, CN
[22] 2018-12-21
[41] 2019-06-29
[30] CN (201711479224.5) 2017-12-29

[21] **3,028,470**
[13] A1
[51] **Int.Cl. B01D 53/32 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **GAS PURIFICATION APPARATUS AND TRACE SUBSTANCE DETECTION DEVICE**
[54] **APPAREIL DE PURIFICATION DE GAZ ET DISPOSITIF DE DETECTION DE TRACE DE SUBSTANCE**
[72] ZHANG, QINGJUN, CN
[72] LI, YUANJING, CN
[72] CHEN, ZHIQIANG, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] LIU, YAOHONG, CN
[72] YAN, LILI, CN
[72] LI, GE, CN
[72] MA, QIUFENG, CN
[72] BAI, NAN, CN
[71] NUCTECH COMPANY LIMITED, CN
[71] TSINGHUA UNIVERSITY, CN
[22] 2018-12-20
[41] 2019-06-26
[30] CN (201711432909.4) 2017-12-26

[21] **3,028,489**
[13] A1
[51] **Int.Cl. B29C 65/60 (2006.01) B29C 65/18 (2006.01)**
[25] EN
[54] **LOW MASS STAKING MODULE**
[54] **MODULE D'EMPILEMENT A FAIBLE MASSE**
[72] VANKLOMPENBERG, ANDREW A., US
[72] MEEUWSEN, MARC, US
[71] EXTOL, INC., US
[22] 2018-12-21
[41] 2019-06-28
[30] US (15/857084) 2017-12-28

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[21] **3,028,491**
[13] A1
[51] **Int.Cl. G01D 18/00 (2006.01) G01R 31/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING RESOLVER/SYNCHRO FAULTS**
[54] **METHODE ET SYSTEME DE DETECTIONS DE DEFAILLANCE DE RESOLVEUR/SYNCHRO**
[72] WINER, GORDON ELLIOTT, US
[72] MUHAMMED, SHIHAB T.A., IN
[72] BAPAT, SHARDUL, IN
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2018-12-21
[41] 2019-06-27
[30] IN (201711046887) 2017-12-27

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[21] **3,028,500**
[13] A1
[51] **Int.Cl. G01N 1/02 (2006.01)**
[25] EN
[54] **SAMPLING ADSORBER, HEAT DESORPTION CHAMBER DEVICE, SAMPLING APPARATUS AND ANALYZER APPARATUS**
[54] **ADSORBANT D'ECHANTILLON, DISPOSITIF DE CHAMBRE DE DESORPTION THERMIQUE, APPAREIL D'ECHANTILLONNAGE ET APPAREIL ANALYSEUR**
[72] ZHANG, QINGJUN, CN
[72] LI, YUANJING, CN
[72] CHEN, ZHIQIANG, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] LIU, YAOHONG, CN
[72] LI, GE, CN
[72] MA, QUIFENG, CN
[72] CAO, BIAO, CN
[72] ZHU, WEIPING, CN
[72] BAI, NAN, CN
[71] TSINGHUA UNIVERSITY, CN
[71] NUCTECH COMPANY LIMITED, CN
[22] 2018-12-24
[41] 2019-06-29
[30] CN (201711499133.8) 2017-12-29

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[21] **3,028,502**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) G16H 30/00 (2018.01) A61B 1/05 (2006.01) A61B 17/24 (2006.01) G09G 5/377 (2006.01)**
[25] EN
[54] **USE OF AUGMENTED REALITY TO ASSIST NAVIGATION DURING MEDICAL PROCEDURES**
[54] **UTILISATION DE LA REALITE AUGMENTEE POUR AIDER A LA NAVIGATION PENDANT LES INTERVENTIONS MEDICALES**
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[72] FANG, ITZHAK, IL
[72] RACHELI, NOAM, IL
[72] PINSKY, YOAV, IL
[72] BUSTAN, ITAMAR, IL
[72] PALUSHI, JETMIR, IL
[72] DEKEL, ZVI, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-12-24
[41] 2019-06-26
[30] US (62/610,449) 2017-12-26
[30] US (16/229,629) 2018-12-21

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[21] **3,028,509**
[13] A1
[51] **Int.Cl. G01N 23/22 (2018.01) G01N 23/2204 (2018.01) G01N 23/2251 (2018.01) G01N 23/2252 (2018.01) H01J 37/06 (2006.01) G21F 1/12 (2006.01)**
[25] EN
[54] **ACCELERATOR SYSTEM FOR MINERAL COMPONENT ANALYSIS, SYSTEM AND METHOD FOR MINERAL COMPONENT ANALYSIS**
[54] **SYSTEME D'ACCELERATEUR DESTINE A L'ANALYSE DE COMPOSANTE MINERALE, SYSTEME ET METHODE D'ANALYSE DE COMPOSANTE MINERALE**
[72] LIU, YAOHONG, CN
[72] ZHANG, LIANG, CN
[72] ZHANG, XIAOTONG, CN
[72] GAO, FENG, CN
[71] NUCTECH COMPANY LIMITED, CN
[22] 2018-12-21
[41] 2019-06-26
[30] CN (201711435413.2) 2017-12-26

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[21] **3,028,519**
[13] A1
[51] **Int.Cl. F23J 13/00 (2006.01) F16L 55/07 (2006.01) F16L 55/24 (2006.01) F24D 19/08 (2006.01) F24H 8/00 (2006.01) F24H 9/16 (2006.01)**
[25] EN
[54] **CONDUIT FITTING WITH INTEGRATED CONDENSATE TRAP**
[54] **RACCORD DE CONDUIT A VOLET DE CONDENSAT INTEGRE**
[72] SCOTT, TIMOTHY D., US
[72] HALL, WILLIAM JASON, US
[72] WINDON, BRAD, US
[72] SHAW, BRIAN, US
[72] PORWAL, PIYUSH, US
[72] RAO, ASHWIN, US
[72] PARK, MATTHEW S., US
[71] RHEEM MANUFACTURING COMPANY, US
[22] 2018-12-21
[41] 2019-06-28
[30] US (62/611,411) 2017-12-28

[21] **3,028,520**
[13] A1
[51] **Int.Cl. F24C 15/10 (2006.01) F24C 3/08 (2006.01)**
[25] EN
[54] **COOKING RANGE**
[54] **CUISINIERE**
[72] SLOYER, JAIRAD, US
[71] HESTAN COMMERCIAL CORPORATION, US
[22] 2018-12-27
[41] 2019-06-27
[30] US (62/610,644) 2017-12-27

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[21] **3,028,537**
[13] A1
[51] **Int.Cl. C09D 15/00 (2006.01) C09D 7/20 (2018.01) C09D 133/00 (2006.01) C09D 183/04 (2006.01)**
[25] EN
[54] **FAST DRY STAIN FORMULA**
[54] **FORMULE DE TEINTURE A SECHAGE RAPIDE**
[72] STEFFENHAGEN, MARK JAMES, US
[72] DOAN, MY DIEM, US
[72] GREGORIO, DEAN ALCOMENDAS, US
[71] BEHR PROCESS CORPORATION, US
[22] 2018-12-21
[41] 2019-06-29
[30] US (15/858,082) 2017-12-29

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[21] **3,028,540**
[13] A1
[51] **Int.Cl. C07C 251/24 (2006.01) C07C 211/42 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF DASOTRALINE AND INTERMEDIATES THEREOF**
[54] **PROCEDES DE PREPARATION DE DASOTRALINE ET INTERMEDIAIRES ASSOCIES**
[72] BODHURI, PRABHUDAS, US
[72] CAMMISA, EDUARDO GUSTAVO, CA
[72] GREEN, MELANIE R. A., CA
[72] WEERATUNGA, GAMINI, CA
[72] GORIN, BORIS, CA
[71] APOTEX INC., CA
[22] 2018-12-21
[41] 2019-06-27
[30] US (62610608) 2017-12-27

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[21] **3,028,558**
[13] A1
[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/08 (2006.01)**
[25] EN
[54] **ORTHODONTIC SPACE CLOSURE DEVICE**
[54] **DISPOSITF DE FERMETURE D'ESPACE ORTHODONTIQUE**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
[22] 2018-12-27
[41] 2019-06-28
[30] US (62/611154) 2017-12-28
[30] US (62/687996) 2018-06-21

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[21] **3,028,559**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 21/88 (2006.01) G01R 31/34 (2006.01)**
[25] EN
[54] **INSPECTION SYSTEM AND INSPECTION METHOD**
[54] **SYSTEME D'INSPECTION ET METHODE D'INSPECTION**
[72] WATANABE, MANABU, JP
[72] MATSUZAKI, AKIHIRO, JP
[72] SATO, FUMIO, JP
[72] TERAI, FUJIO, JP
[72] KATAYAMA, HITOSHI, JP
[72] GUNJI, YUICHIRO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION, JP
[22] 2018-12-27
[41] 2019-06-27
[30] JP (2017-251813) 2017-12-27

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[21] **3,028,563**
[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) G01N 21/88 (2006.01) G01R 31/34 (2006.01)**
[25] EN
[54] **INSPECTION DEVICE AND INSPECTION METHOD**
[54] **DISPOSITIF D'INSPECTION ET METHODE D'INSPECTION**
[72] WATANABE, MANABU, JP
[72] MATSUZAKI, AKIHIRO, JP
[72] SATO, FUMIO, JP
[72] TERAI, FUJIO, JP
[72] KATAYAMA, HITOSHI, JP
[72] GUNJI, YUICHIRO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION, JP
[22] 2018-12-27
[41] 2019-06-27
[30] JP (2017-251812) 2017-12-27

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[21] **3,028,637**
[13] A1
[51] **Int.Cl. E01B 29/32 (2006.01)**
[25] EN
[54] **ADAPTIVE RAILWAY FASTENER AND ANCHOR INSTALLATION SYSTEM**
[54] **FIXATION DE VOIE FERREE ADAPTATIVE ET SYSTEME D'INSTALLATION D'ANCRAGE**
[72] HAMILTON, WILLIAM MICHAEL, US
[72] KOCI, RYAN JAY, US
[72] TOMAC, JUSTIN WYNNE, US
[71] MOW EQUIPMENT SOLUTIONS, INC., US
[22] 2018-12-27
[41] 2019-06-26
[30] US (62/610467) 2017-12-26

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[21] **3,028,649**
[13] A1
[51] **Int.Cl. B32B 13/00 (2006.01) B32B 13/12 (2006.01) B32B 27/18 (2006.01) B32B 37/02 (2006.01) E04C 2/288 (2006.01)**
[25] EN
[54] **PLASTERBOARDS AND METHODS FOR MAKING THEM**
[54] **PANNEAUX DE PLATRE ET LEURS METHODES DE FABRICATION**
[72] KAMATH, MITHUN N., US
[72] LAI, CHOUNG-HOUNG, US
[72] LEMBERGER, MICHAEL J., US
[72] BOYDSTON, GERALD, US
[72] WILTZIUS, BRYAN, US
[72] FRAILEY, NATHAN, US
[72] DONG, ERIC, US
[71] CERTAINTEED GYPSUM, INC., US
[22] 2018-12-28
[41] 2019-06-29
[30] US (62/611,603) 2017-12-29

[21] **3,028,652**
[13] A1
[51] **Int.Cl. B32B 3/30 (2006.01) B32B 13/00 (2006.01) B32B 13/12 (2006.01) B32B 27/00 (2006.01) B32B 37/02 (2006.01) E04C 2/288 (2006.01)**
[25] EN
[54] **PLASTERBOARDS AND METHODS FOR MAKING THEM**
[54] **PANNEAUX DE PLATRE ET LEURS METHODES DE FABRICATION**
[72] KAMATH, MITHUN N., US
[72] LAI, CHOUNG-HOUNG, US
[72] LEMBERGER, MICHAEL J., US
[72] BOYDSTON, GERALD, US
[72] WILTZIUS, BRYAN, US
[72] DONG, ERIC, US
[72] FRAILEY, NATHAN, US
[71] CERTAINTEED GYPSUM, INC., US
[22] 2018-12-28
[41] 2019-06-29
[30] US (62/611,612) 2017-12-29

[21] **3,028,655**
[13] A1
[51] **Int.Cl. E06B 7/23 (2006.01) B29C 48/16 (2019.01)**
[25] EN
[54] **CORNER PADS**
[54] **COUSSINETS DE COIN**
[72] TAGTOW, GARY E., US
[72] MAY, MICHAEL M., US
[72] SCOTT, JORDAN, US
[72] CLARK, GAVIN, US
[71] AMESBURY GROUP, INC., US
[22] 2018-12-27
[41] 2019-06-28
[30] US (62/611,446) 2017-12-28
[30] US (62/650,516) 2018-03-30
[30] US (62/651,583) 2018-04-02
[30] US (16/229,931) 2018-12-21

[21] **3,028,665**
[13] A1
[51] **Int.Cl. E21C 41/32 (2006.01)**
[25] EN
[54] **VEGETATION-BASED MATERIAL FOR RESTORING QUARRY MINES DEVELOPMENT AREA AND METHOD OF PREPARING THE SAME**
[54] **MATIERE A BASE DE VEGETATION SERVANT A RETABLIR LA ZONE D'EXPLOITATION DE CARRIERES ET METHODE DE PREPARATION ASSOCIEE**
[72] YANG, JAE KYUNG, KR
[72] JUNG, JI-YOUNG, KR
[72] HA, SI YOUNG, KR
[71] INDUSTRY-ACADEMIC COOPERATION FOUNDATION GYEONGSANG NATIONAL UNIVERSITY, KR
[22] 2018-12-27
[41] 2019-06-27
[30] KR (10-2017-0181203) 2017-12-27

[21] **3,028,688**
[13] A1
[51] **Int.Cl. A01K 61/60 (2017.01) A01K 61/54 (2017.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR AQUACULTURE**
[54] **APPAREIL, SYSTEME ET METHODE D'AQUACULTURE**
[72] HORZESKY, MYRON, US
[72] KETCHAM, ROBERT, US
[72] KETCHAM, HEATHER, US
[72] SABIN, DOUGLAS G., US
[71] KETCHAM SUPPLY CO., INC., US
[22] 2018-12-28
[41] 2019-06-28
[30] US (62/611,307) 2017-12-28

[21] **3,028,690**
[13] A1
[51] **Int.Cl. A01M 13/00 (2006.01) A01G 13/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS, DEVICES AND METHODS FOR PLANT HEALTH AND PEST CONTROL USING VAPOR ACTIVITY**
[54] **COMPOSITIONS, DISPOSITIFS ET METHODES DESTINES A LA SANTE DES PLANTES ET AU CONTROLE DES RAVAGEURS EMPLOYANT L'ACTIVITE DE VAPEUR**
[72] MANHAS, KARAN, CA
[72] ROZEK, ANNETT, CA
[72] WOODBURY, NATHAN, CA
[72] LENTZ, SHANNON, CA
[72] TAKEUCHI, ROBERT J. E., CA
[72] OZEROFF, SASHA, CA
[72] SHAH, JAY K., CA
[71] TERRAMERA, INC., CA
[22] 2018-12-31
[41] 2019-06-29
[30] US (62/612287) 2017-12-29

[21] **3,028,701**
[13] A1
[51] **Int.Cl. H04N 19/115 (2014.01) H04N 19/154 (2014.01)**
[25] EN
[54] **CONTENT-AWARE PREDICTIVE BITRATE LADDER**
[54] **ECHELLE DE DEBIT BINAIRE PREDICTIVE CONSCIENTE DU CONTENU**
[72] MAO, WEIDONG, US
[72] GILADI, ALEXANDER, US
[72] BALK, ALEX, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-12-28
[41] 2019-06-28
[30] US (62/611,304) 2017-12-28

[21] **3,028,778**
[13] A1
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[54] **SELECTION OF GRANT AND CSI**
[54] **SELECTION DE PERMISSION ET D'INFORMATION D'ETAT DE CANAL**
[72] JEON, HYOUNGSUK, US
[72] DINAN, ESMAEL HEJAZI, US
[72] BABAEI, ALIREZA, US
[72] ZHOU, HUA, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2018-12-31
[41] 2019-06-29
[30] US (62/612,132) 2017-12-29
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[30] US (62/616,189) 2018-01-11

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/053 (2006.01) A61B 5/06 (2006.01)**
[25] EN
[54] **IMPROVING IMPEDANCE-BASED POSITION TRACKING PERFORMANCE USING PRINCIPAL COMPONENT ANALYSIS**
[54] **AMELIORATION DU RENDEMENT DE SUIVI DE POSITION A BASE D'IMPEDANCE EMPLOYANT L'ANALYSE DE COMPOSANTE PRINCIPALE**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-12-19
[41] 2019-06-26
[30] US (15/854,078) 2017-12-26

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[13] A1
[51] **Int.Cl. A61K 31/05 (2006.01) B01D 11/02 (2006.01) B01D 15/08 (2006.01)**
[25] EN
[54] **AUTOMATED PRODUCTION LINE FOR PREPARING CANNABIDIOL EXTRACTS**
[54] **LIGNE DE PRODUCTION AUTOMATISEE DE PREPARATION D'EXTRAITS DE CANNABINOIDE**
[72] CHEN, TIANRUI, CN
[72] PENG, LUYI, CN
[72] WANG, RUI, CN
[72] CHEN, KAI, CN
[71] CHEN, TIANRUI, CN
[22] 2019-03-05
[41] 2019-06-24
[30] CN (201820330679.4) 2018-03-09

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[13] A1
[51] **Int.Cl. C09K 5/16 (2006.01) F24T 10/20 (2018.01) F24T 10/40 (2018.01) F24T 50/00 (2018.01) F03G 4/00 (2006.01)**
[25] EN
[54] **FLUID FOR USE IN POWER PRODUCTION ENVIRONMENTS**
[54] **FLUIDE DESTINE A DES ENVIRONNEMENTS DE PRODUCTION D'ENERGIE**
[72] TOEWS, MATTHEW, CA
[72] PRICE, GLENN, CA
[72] CAIRNS, PAUL, CA
[72] REDFERN, JOHN, CA
[72] SMITH, JEFF, CA
[71] EAVOR TECHNOLOGIES INC., CA
[22] 2019-03-28
[41] 2019-06-26
[30] US (62/669686) 2018-05-10

[21] **3,040,058**
[13] A1
[51] **Int.Cl. B02C 2/00 (2006.01) B02C 2/04 (2006.01)**
[25] EN
[54] **PRESSURE PLATE APPARATUS**
[54] **APPAREIL DE PLAQUE DE PRESSION**
[72] DUELLMAN, DENNIS, CA
[72] ANDO, MARIAN, CA
[72] KROL, ANDRZEJ, CA
[71] MCCLOSKEY INTERNATIONAL LIMITED, CA
[22] 2019-04-11
[41] 2019-06-25
[30] US (16/288,403) 2019-02-28

[21] **3,040,065**
[13] A1
[51] **Int.Cl. B02C 2/00 (2006.01) B02C 23/00 (2006.01)**
[25] EN
[54] **WEDGE RING AUTO UNLOCK SYSTEM AND METHOD**
[54] **SYSTEME DE DEBLOCAGE AUTOMATIQUE DE BAGUE DE COIN ET METHODE**
[72] DUELLMAN, DENNIS, CA
[72] EISNER, ALAN, CA
[72] KROL, ANDRZEJ, CA
[72] ANDO, MARIAN, CA
[71] MCCLOSKEY INTERNATIONAL LIMITED, CA
[22] 2019-04-11
[41] 2019-06-25
[30] US (16/280,453) 2019-02-20

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[13] A1
[51] **Int.Cl. B02C 2/00 (2006.01) B02C 2/04 (2006.01) B02C 23/00 (2006.01)**
[25] EN
[54] **HEAT SHIELD FOR CONE CRUSHER**
[54] **BOUCLIER THERMIQUE DE BROYEUR A CONES**
[72] DUELLMAN, DENNIS, CA
[72] ANDO, MARIAN, CA
[72] KROL, ANDRZEJ, CA
[71] MCCLOSKEY INTERNATIONAL LIMITED, CA
[22] 2019-04-11
[41] 2019-06-25
[30] US (16/288,338) 2019-02-28

[21] **3,040,154**
[13] A1
[51] **Int.Cl. B02C 2/04 (2006.01) F16C 33/10 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL CONE CRUSHER**
[54] **BROYEUR A CONES BIRIRECTIONNEL**
[72] EISNER, ALAN, CA
[72] DUELLMAN, DENNIS, CA
[72] KROL, ANDRZEJ, CA
[71] MCCLOSKEY INTERNATIONAL LIMITED, CA
[22] 2019-04-11
[41] 2019-06-25
[30] US (62/796,004) 2019-01-23
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[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/04 (2006.01)**
[25] EN
[54] **FIXED BEND ASSEMBLY**
[54] **DISPOSITIF DE COURBURE FIXE**
[72] GURJAR, RISHI, CA
[71] WENZEL DOWNHOLE TOOLS ULC, CA
[22] 2019-05-03
[41] 2019-06-26
[30] US (62/667,284) 2018-05-04
[30] CA (3,010,478) 2018-06-29

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[13] A1
[51] **Int.Cl. E21B 34/10 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **APPARATUS FOR DOWNHOLE FRACKING AND A METHOD THEREOF**
[54] **APPAREIL DE FRACTURATION EN FOND DE PUITS ET METHODE ASSOCIEE**
[72] KRATOCHVIL, ROBERT B., CA
[71] KEY COMPLETIONS INC., CA
[22] 2019-05-07
[41] 2019-06-26

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[25] EN
[54] **FIRST CALL VEHICLE DISPATCH SERVER**
[54] **SERVEUR DE REPARTITION DE VEHICULE DE PREMIER REPONDANT**
[72] TAKADA, TAKAYUKI, JP
[71] FUNERAL SERVICE WORKERS ACADEMY, INC., JP
[85] 2019-04-16
[86] 2018-01-18 (PCT/JP2018/001386)
[87] (WO2019/030944)
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[51] **Int.Cl. G05D 1/02 (2006.01) B60W 30/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PATH DETERMINATION**
[54] **SYSTEMES ET METHODES DE DETERMINATION DE PARCOURS**
[72] LUO, WEI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD, CN
[85] 2018-12-28
[86] 2017-12-29 (PCT/CN2017/120190)
[87] (3028642)

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[51] **Int.Cl. G16H 15/00 (2018.01) A61B 5/00 (2006.01) A61B 5/026 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VISUALIZATION OF HEART TISSUE AT RISK**
[54] **PROCEDE ET SYSTEME DE VISUALISATION DE TISSU CARDIAQUE A RISQUE**
[72] SHADFORTH, IAN, US
[72] LEI, MENG, CA
[72] BURTON, TIMOTHY, CA
[72] CRAWFORD, DON, US
[72] GUPTA, SUNNY, CA
[72] SOUZA, PAUL DOUGLAS, US
[72] WACKERMAN, CODY JAMES, US
[72] DUBBERLY, ANDREW HUGH, US
[71] ANALYTICS FOR LIFE INC., CA
[85] 2019-03-21
[86] 2017-09-21 (PCT/IB2017/055748)
[87] (WO2018/055559)
[30] US (62/397,895) 2016-09-21

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[25] EN
[54] **WATER RELIEF GROOVE TO PREVENT CAVITATION OF OPPOSITE REFINER PLATE**
[54] **CANNELURE DE DEGAGEMENT D'EAU SERVANT A PREVENIR LA CAVITATION DE PLAQUEDE RAFFINEUR OPPOSEE**
[72] BERGER, MARC, CA
[72] GINGRAS, LUC, GB
[71] ANDRITZ INC., US
[85] 2019-06-03
[86] 2018-12-14 (PCT/US2018/065717)
[87] (3044971)
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[51] **Int.Cl. A61K 35/00 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 45/06 (2006.01) C07K 14/00 (2006.01) C07K 16/28 (2006.01) A61K 35/17 (2015.01) A61K 39/395 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR USE OF THERAPEUTIC T CELLS IN COMBINATION WITH KINASE INHIBITORS**
[54] **METHODES ET COMPOSITIONS POUR L'UTILISATION DE LYMPHOCYTES T THERAPEUTIQUES EN ASSOCIATION AVEC DES INHIBITEURS DE KINASE**
[72] PORTS, MICHAEL, US
[72] QIN, JIM, US
[72] SALMON, RUTH, US
[72] BATUREVYCH, OLEKSANDR, US
[71] JUNO THERAPEUTICS, INC., US
[71] ACERTA PHARMA, LLC, US
[71] ACERTA PHARMA B.V., NL
[85] 2019-05-28
[86] 2017-12-01 (PCT/US2017/064362)
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[25] EN
[54] **NOVEL ENDO-.BETA.-N-ACETYLGLUCOSAMINIDASE**
[54] **NOUVELLE ENDO-.BETA.-N-ACETYLGLUCOSAMINIDASE**
[72] ITO, HANAKO, JP
[72] ONO, YASUNORI, JP
[72] NAKAMURA, KENSUKE, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2019-05-30
[86] 2017-12-01 (PCT/JP2017/043219)
[87] (WO2018/101454)
[30] JP (2016-234808) 2016-12-02

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[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12N 1/19 (2006.01)**
[25] EN
[54] **IMPROVED YEAST STRAINS FOR ETHANOL PRODUCTION**
[54] **SOUCHES DE LEVURE AMELIOREES POUR LA PRODUCTION D'ETHANOL**
[72] PAPAPETRIDIS, IOANNIS, NL
[72] VAN MARIS, ANTONIUS JEROEN ADRIAAN, SE
[72] PRONK, JACOBUS THOMAS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2019-05-31
[86] 2017-12-18 (PCT/EP2017/083242)
[87] (WO2018/114758)
[30] EP (16205338.3) 2016-12-20
[30] EP (17155525.3) 2017-02-10

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[51] **Int.Cl. C12N 9/12 (2006.01) C12N 9/04 (2006.01) C12N 9/88 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **IMPROVED GLYCEROL FREE ETHANOL PRODUCTION**
[54] **PRODUCTION AMELIOREE D'ETHANOL SANS GLYCEROL**
[72] DE WAAL, PAULUS PETRUS, NL
[72] VUGT-VAN LUTZ, INGRID MARIA, NL
[72] SCHMITZ, JOZEF PETRUS JOHANNES, NL
[72] DE BRUIJN, HANS MARINUS CHARLES JOHANNES, NL
[71] DSM IP ASSETS B.V., NL
[85] 2019-05-31
[86] 2017-12-18 (PCT/EP2017/083249)
[87] (WO2018/114762)
[30] EP (16206564.3) 2016-12-23
[30] EP (17193108.2) 2017-09-26

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[13] A1
[51] **Int.Cl. G06F 16/22 (2019.01) G06F 16/24 (2019.01)**
[25] EN
[54] **GENERATING, ACCESSING, AND DISPLAYING LINEAGE METADATA**
[54] **GENERATION ET AFFICHAGE DE METADONNEES DE TRACABILITE, ET ACCES A CELLES-CI**
[72] CLEMENS, DAVID, US
[72] RADIVOJEVIC, DUSAN, US
[72] GALARNEAU, NEIL, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2019-05-31
[86] 2017-12-01 (PCT/US2017/064227)
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[30] US (62/428,860) 2016-12-01

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[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 20/14 (2012.01) G06Q 30/06 (2012.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **MANAGING A DEMAND ON AN ELECTRICAL GRID USING A PUBLICLY DISTRIBUTED TRANSACTIONS LEDGER**
[54] **GESTION D'UNE DEMANDE SUR UN RESEAU ELECTRIQUE A L'AIDE D'UN REGISTRE DE TRANSACTIONS DISTRIBUE PUBLIQUEMENT**
[72] HIGH, DONALD R., US
[72] WILKINSON, BRUCE WALTER, US
[72] MATTINGLY, TODD, US
[72] MCHALE, BRIAN GERARD, GB
[72] O'BRIEN, JOHN J., V., US
[72] CANTRELL, ROBERT, US
[72] JURICH, JOSEPH, JR., US
[71] WALMART APOLLO, LLC, US
[85] 2019-05-31
[86] 2017-12-13 (PCT/US2017/066125)
[87] (WO2018/112043)
[30] US (62/433,968) 2016-12-14

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[13] A1
[51] **Int.Cl. C07K 14/48 (2006.01) C07K 14/475 (2006.01)**
[25] EN
[54] **CILIARY NEUROTROPHIC FACTOR RECEPTOR LIGAND-BINDING AGENTS AND METHODS OF USING THE SAME**
[54] **AGENTS DE LIAISON A UN LIGAND DU RECEPTEUR DU FACTEUR NEUROTROPHIQUE CILIAIRE ET LEURS METHODES D'UTILISATION**
[72] KIM, JUN WOO, US
[72] COCHRAN, JENNIFER R., US
[72] SWEET, ERIC ALEJANDRO, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2019-05-31
[86] 2017-12-06 (PCT/US2017/064883)
[87] (WO2018/106790)
[30] US (62/430,757) 2016-12-06
[30] US (62/481,027) 2017-04-03

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[13] A1
[51] **Int.Cl. C12Q 1/6883 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **METHOD FOR PREDICTING THE RISK OF DEEP VEIN THROMBOSIS AND PULMONARY EMBOLISM ASSOCIATED WITH HORMONAL PREPARATIONS AND HORMONE LEVELS**
[54] **PROCEDE POUR LA PREDICTION DU RISQUE DE THROMBOSE VEINEUSE PROFONDE ET D'EMBOLIE PULMONAIRE ASSOCIEE A DES PREPARATIONS HORMONALES ET A DES NIVEAUX HORMONAUX**
[72] TANACKOVIC ABBAS-TERKI, GORANKA, CH
[72] MICHAUD SCHUTZ, JOELLE, CH
[72] PACHE, THIERRY DANIEL, CH
[71] GENE PREDICTIS SA, CH
[85] 2019-06-05
[86] 2017-12-11 (PCT/EP2017/082164)
[87] (WO2018/104549)
[30] EP (16203286.6) 2016-12-09
[30] EP (17163897.6) 2017-03-30

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[13] A1
[51] **Int.Cl. C12N 9/20 (2006.01) A21D 8/04 (2006.01)**
[25] EN
[54] **LIPOLYTIC ENZYME VARIANTS**
[54] **VARIANTS D'ENZYME LIPOLYTIQUE**
[72] DE JONG, RENE MARCEL, NL
[72] CHRISTIS, CHANTAL, NL
[72] CARR, NEIL, NL
[71] DSM IP ASSETS B.V., NL
[85] 2019-06-05
[86] 2017-12-19 (PCT/EP2017/083526)
[87] (WO2018/114940)
[30] EP (16205906.7) 2016-12-21
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[51] **Int.Cl. A61K 31/216 (2006.01) A61K 31/192 (2006.01) A61K 45/06 (2006.01) A61P 1/00 (2006.01) A61P 3/06 (2006.01) A61P 19/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR COMBINATION THERAPY**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR POLYTHERAPIE**
[72] FOUCART, CORINNE, FR
[72] WALCZAK, ROBERT, FR
[72] BELANGER, CAROLE, FR
[72] NOEL, BENOIT, FR
[71] GENFIT, FR
[85] 2019-06-05
[86] 2018-01-29 (PCT/EP2018/052159)
[87] (WO2018/138352)
[30] EP (17305094.9) 2017-01-27
[30] EP (17305268.9) 2017-03-13
[30] EP (17190723.1) 2017-09-12

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06F 21/31 (2013.01) G06F 16/28 (2019.01) G07F 17/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERING PACKAGES TO CUSTOMERS**
[54] **SYSTEME ET PROCEDE DE LIVRAISON DE COLIS A DES CLIENTS**
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-05
[86] 2017-12-06 (PCT/US2017/064867)
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[30] US (62/434,272) 2016-12-14

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[13] A1
[51] **Int.Cl. A01H 1/02 (2006.01) A01H 5/08 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **PEPPER PLANTS WITH IMPROVED DISEASE RESISTANCE**
[54] **PLANTES DE POIVRIER PRESENTANT UNE RESISTANCE AMELIOREE AUX MALADIES**
[72] ECKARD, JONATHAN TYLER, US
[72] HOGAN, PATRICK, US
[72] JONES, CARL MARTIN, US
[72] JUST, BRIAN J., US
[72] KNISKERN, JOEL, US
[72] YOO, JAE HYOUNG, US
[71] SEMINIS VEGETABLE SEEDS, INC., US
[85] 2019-06-04
[86] 2017-12-07 (PCT/US2017/065140)
[87] (WO2018/118451)
[30] US (62/436,299) 2016-12-19

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[13] A1
[51] **Int.Cl. C02F 1/78 (2006.01) B01F 1/00 (2006.01) B01F 3/04 (2006.01) B01F 5/02 (2006.01) B01F 5/04 (2006.01) C01B 13/10 (2006.01) C01B 15/027 (2006.01) C02F 1/46 (2006.01) C02F 1/50 (2006.01) C25B 1/30 (2006.01) C25B 11/12 (2006.01)**
[25] EN
[54] **WATER TREATMENT APPARATUS, WATER TREATMENT SYSTEM AND WATER TREATMENT METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE L'EAU, SYSTEME DE TRAITEMENT DE L'EAU ET PROCEDE DE TRAITEMENT DE L'EAU**
[72] MURAYAMA, SEIICHI, JP
[72] SHIMURA, NAOHIKO, JP
[72] MORITANI, KANAKO, JP
[72] MAKISE, RYUTARO, JP
[72] KUBO, KIE, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION, JP
[85] 2019-06-03
[86] 2017-09-19 (PCT/JP2017/033767)
[87] (WO2018/083900)
[30] JP (2016-216637) 2016-11-04

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[13] A1
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[25] EN
[54] **NUCLEIC ACID-BASED ASSEMBLY AND USE THEREOF IN CANCER THERAPY**
[54] **ASSEMBLAGE A BASE D'ACIDE NUCLEIQUE, ET UTILISATION DE CE DERNIER DANS LE TRAITEMENT DU CANCER**
[72] FAMULOK, MICHAEL, DE
[72] PRUSTY, DEEPAK, DE
[72] ADAM, VOLKER, DE
[72] IRSEN, STEPHAN, DE
[71] RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAT BONN, DE
[71] STIFTUNG CAESAR, DE
[85] 2019-06-06
[86] 2017-12-07 (PCT/EP2017/081933)
[87] (WO2018/104492)
[30] EP (16202754.4) 2016-12-07

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) C07K 14/46 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **LEBECETIN, A C-TYPE LECTIN, AS NEOVASCULARIZATION INHIBITOR**
[54] **LEBECETINE, LECTINE DE TYPE C, EN TANT QU'INHIBITEUR DE NEOVASCULARISATION**
[72] GUILLONNEAU, XAVIER, FR
[72] MONTASSAR, FADOUA, FR
[72] MARRAKCHI, NAZIHA, TN
[72] MESSADI, ERIJ, TN
[72] SENNLAUB, FLORIAN, FR
[72] SAHEL, JOSE-ALAIN, FR
[71] SORBONNE UNIVERSITE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] INSTITUT PASTEUR DE TUNIS, TN
[85] 2019-06-06
[86] 2017-12-12 (PCT/EP2017/082482)
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[30] EP (16306661.6) 2016-12-12

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G16H 20/10 (2018.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR PROVIDING INTERACTIVE PHARMACY SERVICES**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE FOURNITURE DE SERVICES DE PHARMACIE INTERACTIFS**
[72] PATI, SUNIL K., US
[72] DANIYALZADE, EYTAN, US
[72] RAJENDRAN, PRASANNA, US
[72] ATIKOGLU, BERK, US
[72] SADANAND, NIDHI, IN
[72] KAULAVKAR, NITIN, IN
[72] KALIYADAN, SAJIDA, US
[72] KIEFFER, BRADLEY JOSEPH, US
[72] LEVY, HUDSON, US
[72] NELMS, DAVID MARTIN, US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-06
[86] 2017-12-12 (PCT/US2017/065803)
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[54] **MACROMOLECULES THERMOREACTIVES FAVORISANT L'OS**
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[72] MOROCHNIK, SIMONA, US
[71] NORTHWESTERN UNIVERSITY, US
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[54] **BAG-IN-BOX PACKAGING**
[54] **EMBALLAGE DE SAC EN BOITE**
[72] SMITH, KENNETH C., US
[71] WESTROCK SHARED SERVICES, LLC, US
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[54] **DISPERSANTS DERIVES DE POLYOLEFINES**
[72] CAIN, NATHANIEL, US
[72] LOPER, JOHN, US
[72] CUNNINGHAM, LAWRENCE, US
[72] ROOS, JOSEPH W., US
[71] AFTON CHEMICAL CORPORATION, US
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[54] **METHOD FOR PREVENTING AND TREATING LIPID METABOLISM DISORDER AND RELATED CONDITIONS THEREOF**
[54] **PROCEDE DE PREVENTION ET DE TRAITEMENT DE TROUBLES DU METABOLISME LIPIDIQUE ET DE MALADIES ASSOCIEES**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
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[54] **METHOD FOR PREVENTING AND TREATING TISSUE AND ORGAN FIBROSIS**
[54] **METHODE DE PREVENTION ET DE TRAITEMENT DE FIBROSE DE TISSU ET D'ORGANE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
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[54] **VARIANTS D'ALPHA-AMYLASE**
[72] ANDERSEN, CARSTEN, DK
[72] DAMAGER, IBEN, DK
[72] GHADIYARAM, CHAKSHUSMATHI, IN
[72] SAINATHAN, RAJENDRA KULOTHUNGAN, IN
[72] IYER, PADMA VENKATACHALAM, IN
[71] NOVOZYMES A/S, DK
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[54] **MICROSTRUCTURE-CONTROLLED COPOLYMERS OF ETHYLENE AND C3-C10 ALPHA-OLEFINS**
[54] **COPOLYMERES D'ETHYLENE ET D'ALPHA-OLEFINES EN C3-C10 A MICROSTRUCTURE CONTROLEE**
[72] CAIN, NATHANIEL, US
[72] LOPER, JOHN, US
[72] CUNNINGHAM, LAWRENCE, US
[72] ROOS, JOSEPH W., US
[71] AFTON CHEMICAL CORPORATION, US
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[54] **MECANISMES D'ACTIONNEMENT POUR DISTRIBUTEURS MANUELS**
[72] HARRIS, DONALD R., US
[72] MARSHALL, AARON D., US
[71] GOJO INDUSTRIES, INC., US
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[54] **SYSTEMS AND METHODS FOR MINIMIZING OBSTRUCTION OF A MEDIA ASSET BY AN OVERLAY BY PREDICTING A PATH OF MOVEMENT OF AN OBJECT OF INTEREST OF THE MEDIA ASSET AND AVOIDING PLACEMENT OF THE OVERLAY IN THE PATH OF MOVEMEN T**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE MINIMISER L'OBSTRUCTION D'UN ACTIF MULTIMEDIA PAR UNE SUPERPOSITION PAR PREDICTION D'UN TRAJET DE MOUVEMENT D'UN OBJET D'INTERET DE L'ACTIF MULTIMEDIA ET D'EVITER LE PLACEMENT DE LA SUPERPOSITION DANS LE TRAJET DE MOUVEMENT**
[72] GUPTA, VIKRAM MAKAM, IN
[72] PANCHAKSHARAIAH, VISHWAS SHARADANAGAR, IN
[71] ROVI GUIDES, INC., US
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[54] **THROMBECTOMY DEVICES**
[54] **DISPOSITIFS DE THROMBECTOMIE**
[72] TAFF, YUVAL, IL
[72] STERN, GAL, IL
[72] ORION, ITZHAK, IL
[71] MAGNETO THROMBECTOMY SOLUTIONS LTD., IL
[85] 2019-06-11
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[54] **DETERMINING MOTION OF A MOVEABLE PLATFORM**
[54] **DETERMINATION DU MOUVEMENT D'UNE PLATE-FORME MOBILE**
[72] HE, DAKE, CA
[72] LEVATO, ALEXANDER, CA
[72] GAO, YU, CA
[71] BLACKBERRY LIMITED, CA
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[54] **BOBINES DE FERRITE EXCENTRIQUES DESTINEES A DES APPLICATIONS DE TELEMETRIE**
[72] KALATEH AHMAD, AKRAM AHMADI, US
[72] DONDERICI, BURKAY, US
[72] CAPOGLU, ILKER R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PARTICULE PSEUDO-VIRALE DE LA PROTEINE PRE-S DU VIRUS DE L'HEPATITE B**
[72] LUO, MING, US
[71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
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[54] **DUAL FUNCTION SECURITY/FIRE LOCKING MECHANISM FOR FIRE RATED DEVICES**
[54] **MECANISME DE VERROUILLAGE DE SECURITE/D'INCENDIE A DOUBLE FONCTION POUR DISPOSITIFS COUPE-FEU**
[72] BLANCHARD, WALTER T., US
[72] LEHNER, JACK R., JR., US
[71] SCHLAGE LOCK COMPANY LLC, US
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[25] EN
[54] **FRONT END MOTOR-GENERATOR SYSTEM AND HYBRID ELECTRIC VEHICLE OPERATING METHOD**
[54] **SYSTEME DE MOTEUR-GENERATEUR DE TRAIN AVANT ET PROCEDE DE FONCTIONNEMENT DE VEHICULE ELECTRIQUE HYBRIDE**
[72] COLAVINCENZO, DAVID, US
[72] VENEGAS DIAZ, FERNANDO, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[85] 2019-06-11
[86] 2017-11-08 (PCT/US2017/060553)
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[25] EN
[54] **FRONT END MOTOR-GENERATOR SYSTEM AND HYBRID ELECTRIC VEHICLE OPERATING METHOD**
[54] **SYSTEME DE MOTEUR-GENERATEUR FRONTAL ET PROCEDE DE FONCTIONNEMENT DE VEHICULE ELECTRIQUE HYBRIDE**
[72] COLAVINCENZO, DAVID, US
[72] VENEGAS DIAZ, FERNANDO, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **DRIVER BREAK PREPARATION SYSTEM FOR A HYBRID VEHICLE**
[54] **SYSTEME DE PREPARATION DE FREIN CONDUCTEUR DE VEHICULE HYBRIDE**
[72] COLAVINCENZO, DAVID D., US
[72] VENEGAS DIAZ, FERNANDO, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **FRONT END MOTOR-GENERATOR SYSTEM AND HYBRID ELECTRIC VEHICLE OPERATING METHOD**
[54] **SYSTEME DE MOTEUR-GENERATEUR AVANT ET PROCEDE DE FONCTIONNEMENT DE VEHICULE ELECTRIQUE HYBRIDE**
[72] COLAVINCENZO, DAVID, US
[72] VENEGAS DIAZ, FERNANDO, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **VEHICULE A SIEGES COTE A COTE**
[72] HOLLMAN, KEITH A., US
[72] WHITING, MICHAEL J., US
[72] WOZNIAK, EVAN R., US
[72] PLUGGE, JASON CARL, US
[72] WEBER, DANIEL S., US
[72] RIPLEY, ANTHONY J., US
[72] HER, NA, US
[72] SEIDEL, BRIAN J., US
[72] OLSEN, RUSSEL G., US
[72] VRUNDY, MICHAEL GEORGE, US
[72] DICKEY, COLIN R., US
[72] JOHNSON, CLINTON A., US
[72] KNUTSON, KELLY J., US
[71] POLARIS INDUSTRIES INC., US
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[25] EN
[54] **FRONT END MOTOR-GENERATOR SYSTEM AND HYBRID ELECTRIC VEHICLE OPERATING METHOD**
[54] **SYSTEME DE MOTEUR-GENERATEUR AVANT ET PROCEDE DE FONCTIONNEMENT DE VEHICULE ELECTRIQUE HYBRIDE**
[72] COLAVINCENZO, DAVID, US
[72] VENEGAS DIAZ, FERNANDO, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[51] **Int.Cl. H04B 10/00 (2013.01)**
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[54] **LIGHTING AND COMMUNICATION SYSTEM FOR CONFINED SPACE**
[54] **SYSTEME D'ECLAIRAGE ET DE COMMUNICATION POUR ESPACE CONFINE**
[72] JOHNS, CLIFFORD L., US
[71] TUBEMASTER, INC., US
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[54] **DEVICE AND METHOD FOR SCREENING GEMSTONES**
[54] **DISPOSITIF ET PROCEDE DE TRI DE PIERRES PRECIEUSES**
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[72] TSAI, TSUNG-HAN, US
[71] GEMOLOGICAL INSTITUTE OF AMERICA (GIA), US
[85] 2019-06-11
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[54] **COMPOSITION LUBRIFIANTE COMPORTANT DE LA DIANILINE N-ALKYLEE**
[72] HANTHORN, JASON J., US
[72] ZHANG, YANSHI, US
[71] THE LUBRIZOL CORPORATION, US
[85] 2019-06-11
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[51] **Int.Cl. G06Q 50/00 (2012.01)**
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[54] **PLATFORM FOR IDENTIFICATION OF BIOMARKERS USING NAVIGATION TASKS AND TREATMENTS USING NAVIGATION TASKS**
[54] **PLATE-FORME D'IDENTIFICATION DE BIOMARQUEURS A L'AIDE DE TACHES DE NAVIGATION ET TRAITEMENTS A L'AIDE DE TACHES DE NAVIGATION**
[72] MATEUS, ASHLEY, US
[72] ALAILIMA, TITIIMAEA, US
[72] JOHNSON, JASON, US
[72] OMERNICK, MATTHEW, US
[72] DOELLER, CHRISTIAN, NO
[72] SPIERS, HUGO, GB
[72] MARTUCCI, WALTER EDWARD, US
[71] AKILI INTERACTIVE LABS, INC., US
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[54] **CONJUGUES D'ADJUVANT D'ANTICORPS**
[72] JACKSON, DAVID Y., US
[72] ALONSO, MICHAEL NATHANIEL, US
[72] LEE, ARTHUR, US
[71] BOLT BIOTHERAPEUTICS, INC., US
[85] 2019-06-11
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[30] US (62/433,742) 2016-12-13

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[51] **Int.Cl. B60K 6/22 (2007.10) B60K 6/20 (2007.10) B60K 6/26 (2007.10) B60K 6/48 (2007.10) B60K 6/485 (2007.10)**
[25] EN
[54] **FRONT END MOTOR-GENERATOR SYSTEM AND HYBRID ELECTRIC VEHICLE OPERATING METHOD**
[54] **SYSTEME DE GROUPE CONVERTISSEUR D'EXTREMITE ET PROCEDE DE FONCTIONNEMENT DE VEHICULE ELECTRIQUE HYBRIDE**
[72] COLAVINCENZO, DAVID, US
[72] VENEGAS DIAZ, FERNANDO, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **IMPROVED SCARIFIER BOARD FOR MOTOR GRADERS**
[54] **PLANCHE DE SCARIFICATEUR AMELIOREE POUR NIVELEUSES**
[72] PARZYNSKI, DAVID BRUNO, US
[72] CONGDON, THOMAS MARSHALL, US
[71] CATERPILLAR INC., US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066480)
[87] (WO2018/112236)
[30] US (15/380,402) 2016-12-15

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[54] **CONJUGUES OLIGOMERE DE SAUTS D'EXONS POUR LA DYSTROPHIE MUSCULAIRE**
[72] PASSINI, MARCO A., US
[72] HANSON, GUNNAR J., US
[71] SAREPTA THERAPEUTICS, INC., US
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[86] 2017-12-13 (PCT/US2017/066222)
[87] (WO2018/118599)
[30] US (62/436,182) 2016-12-19
[30] US (62/443,476) 2017-01-06
[30] US (62/479,173) 2017-03-30
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[54] **IMPROVED SERRATED CUTTING EDGE WITH CERAMIC INSERT**
[54] **BORD DE COUPE DENTELE AMELIORE AVEC INSERT EN CERAMIQUE**
[72] PARZYNSKI, DAVID BRUNO, US
[72] CONGDON, THOMAS MARSHALL, US
[71] CATERPILLAR INC., US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066483)
[87] (WO2018/112238)
[30] US (15/380,607) 2016-12-15

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **ATTACHMENT BAND FOR A FLUID DELIVERY APPARATUS AND METHOD OF USE**
[54] **BANDE DE FIXATION POUR UN APPAREIL DE DISTRIBUTION DE FLUIDE ET PROCEDE D'UTILISATION**
[72] ROSS, RUSSELL F., US
[72] BAKER, ANDREW T., US
[72] GADSBY, ELIZABETH D., US
[72] HAGAN, LUKE, US
[72] PECK, AARON, US
[72] YAMADA, ALYSON, US
[72] GANAPATHY, PRATAP, US
[71] SORRENTO THERAPEUTICS, INC., US
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[30] US (62/435,107) 2016-12-16

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[25] EN
[54] **SECURED DELIVERY LOCKER**
[54] **CASIER DE LIVRAISON SECURISE**
[72] WINKLE, DAVID C., US
[72] TAYLOR, ROBERT C., US
[72] MATTINGLY, TODD D., US
[72] ATCHLEY, MICHAEL D., US
[72] CANTRELL, ROBERT L., US
[72] O'BRIEN, JOHN J., US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066335)
[87] (WO2018/112162)
[30] US (62/435,440) 2016-12-16

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **IMPLEMENT TIP ASSEMBLY HAVING TIP WITH WEAR INDICATOR**
[54] **ENSEMBLE POINTE D'OUTIL AYANT UNE POINTE A INDICATEUR D'USURE**
[72] SERRURIER, DOUGLAS, US
[72] SINN, ERIC, US
[72] BALAN, MIHAI MIRCEA, US
[72] JURA, JASON, US
[71] CATERPILLAR INC., US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066488)
[87] (WO2018/112243)
[30] US (62/434,625) 2016-12-15
[30] US (15/782,877) 2017-10-13

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[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **IMPLEMENT TIP ASSEMBLY HAVING TIP WITH SUPPORT RIB**
[54] **ENSEMBLE POINTE D'INSTRUMENT AYANT UNE POINTE AYANT UNE NERVURE DE SUPPORT**
[72] SERRURIER, DOUGLAS, US
[72] SINN, ERIC, US
[72] BALAN, MIHAI MIRCEA, US
[72] JURA, JASON, US
[71] CATERPILLAR INC., US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066491)
[87] (WO2018/112244)
[30] US (62/434,641) 2016-12-15
[30] US (15/782,878) 2017-10-13

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61K 9/00 (2006.01) A61M 5/32 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **FLUID DELIVERY APPARATUS AND METHOD OF ASSEMBLY**
[54] **APPAREIL DE DISTRIBUTION DE FLUIDE ET METHODE D'ASSEMBLAGE**
[72] ROSS, RUSSELL F., US
[72] BAKER, ANDREW T., US
[72] GADSBY, ELIZABETH D., US
[72] HAGAN, LUKE, US
[72] PECK, AARON, US
[72] YAMADA, ALYSON, US
[72] GANAPATHY, PRATAP, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2019-06-11
[86] 2017-12-05 (PCT/US2017/064614)
[87] (WO2018/111611)
[30] US (62/435,110) 2016-12-16

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[13] A1
[51] **Int.Cl. C08F 2/00 (2006.01) C08F 2/34 (2006.01) C08F 10/00 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **RATING POLYMERIZATION PROCESSES**
[54] **EVALUATION DE PROCESSUS DE POLYMERISATION**
[72] CAI, PING, US
[72] ALEXANDRE, FRANCOIS, CA
[72] GOODE, MARK G., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2019-06-11
[86] 2017-12-06 (PCT/US2017/064806)
[87] (WO2018/111631)
[30] US (62/434,465) 2016-12-15

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[13] A1
[51] **Int.Cl. A61K 47/64 (2017.01) A61P 21/00 (2006.01)**
[25] EN
[54] **EXON SKIPPING OLIGOMER CONJUGATES FOR MUSCULAR DYSTROPHY**
[54] **CONJUGUES OLIGOMERES DE SAUTS D'EXONS POUR LA DYSTROPHIE MUSCULAIRE**
[72] PASSINI, MARCO A., US
[72] HANSON, GUNNAR J., US
[71] SAREPTA THERAPEUTICS, INC., US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066351)
[87] (WO2018/118627)
[30] US (62/436,199) 2016-12-19
[30] US (62/443,481) 2017-01-06
[30] US (62/479,177) 2017-03-30
[30] US (62/562,119) 2017-09-22

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[13] A1
[51] **Int.Cl. A61K 31/047 (2006.01) A61K 31/20 (2006.01) A61K 31/661 (2006.01)**
[25] EN
[54] **METHODS FOR DECREASING INJURIES ASSOCIATED WITH INTRAOPERATIVE HYPOTENSION**
[54] **PROCEDES DE REDUCTION DES LESIONS ASSOCIEES A L'HYPOTENSION PEROPERATOIRE**
[72] WEINBERG, GUY, US
[71] RESQ PHARMA, INC., US
[85] 2019-06-11
[86] 2018-01-05 (PCT/US2018/012623)
[87] (WO2018/129345)
[30] US (62/443,755) 2017-01-08

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[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01) G06K 5/00 (2006.01)**
[25] EN
[54] **LIVESTOCK BIOSECURITY SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE BIOSECURITE DU BETAIL ET PROCEDE D'UTILISATION**
[72] NOVERO, ANTHONY K., US
[72] NOVERO, RONALD L., US
[71] NOVETECHNOLOGIES, LLC, US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066407)
[87] (WO2018/112193)
[30] US (62/434,034) 2016-12-14
[30] US (15/841,875) 2017-12-14

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[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **MEDICATION DELIVERY DEVICE WITH SENSING SYSTEM**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT DOTE D'UN SYSTEME DE DETECTION**
[72] BARUCH, URI ELIEZER, US
[72] BOONZAIER, JAMES ANGUS, US
[72] CASTRO PELAYO, XORGE, US
[72] CLEMENTE, MATTHEW JAMES, US
[72] CLEMENTS, JEREMY, US
[72] DAVIES, JAMES ALEXANDER, US
[72] TRZYBINSKI, ROBERT EUGENE, US
[71] ELI LILLY AND COMPANY, US
[85] 2019-06-11
[86] 2017-12-08 (PCT/US2017/065247)
[87] (WO2018/111708)
[30] US (62/434,684) 2016-12-15

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[13] A1
[51] **Int.Cl. C05G 3/00 (2006.01) C01B 32/182 (2017.01) C01B 32/198 (2017.01)**
[25] EN
[54] **GRAPHENE FOR FERTILIZER APPLICATIONS**
[54] **GRAPHENE POUR APPLICATIONS D'ENGRAIS**
[72] LOSIC, DUSAN, AU
[72] KABIRI, SHERVIN, AU
[72] MCLAUGHLIN, MICHAEL, AU
[72] TRAN, DIANA, AU
[72] ANDELKOVIC, IVAN, AU
[71] THE UNIVERSITY OF ADELAIDE, AU
[85] 2019-06-12
[86] 2017-12-11 (PCT/AU2017/051362)
[87] (WO2018/107212)
[30] AU (2016905131) 2016-12-12

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[13] A1
[51] **Int.Cl. A61M 3/02 (2006.01)**
[25] EN
[54] **TRANSANAL IRRIGATION DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME D'IRRIGATION TRANSANALE**
[72] HENRY, JEROME A., US
[72] ARNOLD, WILLIAM K., US
[72] COLLUM, STEPHEN, US
[72] GAMBLIN, DENISE, US
[72] SETH, RUCHI (DECEASED), US
[72] FOLEY, ADAM, US
[71] HOLLISTER INCORPORATED, US
[85] 2019-06-11
[86] 2017-12-08 (PCT/US2017/065266)
[87] (WO2018/111713)
[30] US (62/434,143) 2016-12-14

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[13] A1
[51] **Int.Cl. E02F 3/43 (2006.01) B66F 9/075 (2006.01) B66F 9/08 (2006.01) B66F 9/24 (2006.01) E02F 3/28 (2006.01) E02F 3/42 (2006.01) E02F 9/16 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **LOADER WITH TELESCOPIC LIFT ARM**
[54] **CHARGEUSE AVEC BRAS DE LEVAGE TELESCOPIQUES**
[72] SMEKAL, JAN, CZ
[71] CLARK EQUIPMENT COMPANY, US
[85] 2019-06-11
[86] 2017-12-14 (PCT/US2017/066432)
[87] (WO2018/112211)
[30] US (62/435,224) 2016-12-16
[30] US (62/571,491) 2017-10-12

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5517 (2006.01) A61P 25/00 (2006.01) A61P 27/00 (2006.01)**
[25] EN
[54] **NON-PEPTIDE OXYTOCIN RECEPTOR AGONISTS**
[54] **AGONISTES DE RECEPTEUR NON PEPTIDIQUE D'OXYTOCINE**
[72] KASSIOU, MICHAEL, AU
[72] JORGENSEN, WILLIAM, AU
[72] WERRY, ERYN, AU
[72] REEKIE, TRISTAN, AU
[72] BOWEN, MICHAEL, AU
[72] MCGREGOR, IAIN, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[85] 2019-06-12
[86] 2017-12-12 (PCT/AU2017/051371)
[87] (WO2018/107216)
[30] AU (2016905126) 2016-12-12

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSESSING AVAILABLE CARGO CAPACITY FOR MULTIPLE VEHICLES**
[54] **SYSTEMES ET PROCEDES D'EVALUATION DE CAPACITE DE CHARGEMENT DISPONIBLE DE MULTIPLES VEHICULES**
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-11
[86] 2017-12-15 (PCT/US2017/066589)
[87] (WO2018/112301)
[30] US (62/435,199) 2016-12-16

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[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01) A61C 17/22 (2006.01)**
[25] EN
[54] **BRUSHING DEVICE WITH ILLUMINATION FEATURES**
[54] **DISPOSITIF DE BROSSAGE A ELEMENTS D'ECLAIRAGE**
[72] WAGNER, ROBERT, US
[72] WOODARD, BRIAN J., US
[71] WATER PIK, INC., US
[85] 2019-06-11
[86] 2017-12-15 (PCT/US2017/066604)
[87] (WO2018/112309)
[30] US (62/435,053) 2016-12-15

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[13] A1
[51] **Int.Cl. G01S 17/00 (2006.01) G01C 15/00 (2006.01) G01J 3/00 (2006.01) G01S 7/00 (2006.01)**
[25] EN
[54] **ESTIMATION OF SPATIAL PROFILE OF ENVIRONMENT**
[54] **ESTIMATION DE PROFIL SPATIAL D'ENVIRONNEMENT**
[72] LODIN, REBECCA, AU
[72] PULIKKASERIL, CIBBY, AU
[72] COLLARTE BONDY, FEDERICO, AU
[71] BARAJA PTY LTD, AU
[85] 2019-06-12
[86] 2017-12-15 (PCT/AU2017/051395)
[87] (WO2018/107237)
[30] AU (2016905228) 2016-12-16

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[13] A1
[51] **Int.Cl. A01C 21/00 (2006.01) A01G 7/06 (2006.01) A01G 25/00 (2006.01)**
[25] EN
[54] **PLANTS AND METHODS FOR HIGH DENSITY PLANT PRODUCTION**
[54] **PLANTES ET PROCEDES DE PRODUCTION A HAUTE DENSITE DE PLANTES**
[72] CORDERO, JUAN, US
[72] OVADYA, DANIEL, US
[72] SMITH, KYLE B., US
[72] VARGAS, ADRIAN, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2019-06-11
[86] 2017-12-15 (PCT/US2017/066623)
[87] (WO2018/112318)
[30] US (62/435,209) 2016-12-16

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[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **TOOL ASSEMBLY AND PROCESS FOR DRILLING BRANCHED OR MULTILATERAL WELLS WITH WHIPSTOCK**
[54] **ENSEMBLE D'OUTIL ET PROCEDE DE FORAGE DE PUITS RAMIFIES ET MULTILATERAUX AVEC SIFFLET DEVIATEUR**
[72] KLAM, KYLE, CA
[72] CHUTE, JOHN LEWIS, CA
[71] MODERN WELLBORE SOLUTIONS LTD., CA
[85] 2019-06-12
[86] 2016-12-16 (PCT/CA2016/051497)
[87] (WO2017/100939)
[30] CA (2,915,624) 2015-12-18
[30] US (62/269,862) 2015-12-18

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[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01)**
[25] EN
[54] **INTELLIGENT HANDLING OF MATERIALS**
[54] **MANIPULATION INTELLIGENTE DE MATERIAUX**
[72] VARLET, ERIC, FR
[72] FARAMARZI OGHANI, SOHRAB, FR
[72] BUE, MARTIN, FR
[72] TALBI, PR. EL GHAZALI, FR
[71] BECKMAN COULTER, INC., US
[85] 2019-06-11
[86] 2017-12-08 (PCT/US2017/065345)
[87] (WO2018/111721)
[30] US (62/432,930) 2016-12-12

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/315 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **INTRADERMAL DRUG DELIVERY DEVICE HAVING A LOCKED POST-DISPENSING CONFIGURATION**
[54] **DISPOSITIF D'ADMINISTRATION INTRADERMIQUE DE MEDICAMENT AYANT UNE CONFIGURATION DE POST-DISTRIBUTION VERROUILLEE**
[72] MODI, PANKAJ, CA
[72] CRAWFORD, RICHARD, CA
[72] KERR, JOE, CA
[71] PKA SOFTTOUCH CORP., CA
[85] 2019-06-12
[86] 2017-11-01 (PCT/CA2017/051298)
[87] (WO2018/107270)
[30] US (62/434,760) 2016-12-15
[30] US (62/462,497) 2017-02-23

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **IMPLEMENT GROUND ENGAGING TIP ASSEMBLY HAVING TIP WITH TAPERED RETENTION CHANNEL**
[54] **ENSEMBLE POINTE DE MISE EN PRISE AVEC LE SOL D'ACCESSOIRE AYANT UN CANAL DE RETENUE CONIQUE**
[72] SERRURIER, DOUGLAS, US
[72] SINN, ERIC, US
[72] JURA, JASON, US
[72] BALAN, MIHAI MIRCEA, US
[71] CATERPILLAR INC., US
[85] 2019-06-11
[86] 2017-12-15 (PCT/US2017/066812)
[87] (WO2018/112406)
[30] US (62/434,795) 2016-12-15
[30] US (15/782,889) 2017-10-13

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[13] A1
[51] **Int.Cl. G01F 1/684 (2006.01) G01N 21/3504 (2014.01) E21B 47/10 (2012.01) G01F 15/00 (2006.01) G01F 15/04 (2006.01)**
[25] EN
[54] **GAS METER AND ASSOCIATED METHODS**
[54] **COMPTEUR DE GAZ ET PROCEDES ASSOCIES**
[72] LAYHER, ROBERT WAYNE, CA
[72] LAYHER, DEANNE ROSE, CA
[72] LAYHER, SCOTT ROBERT, CA
[71] VENTBUSTER HOLDINGS INC., CA
[85] 2019-06-12
[86] 2017-12-12 (PCT/CA2017/051499)
[87] (WO2018/107280)
[30] US (62/433,112) 2016-12-12

[21] **3,046,819**
[13] A1
[51] **Int.Cl. F41H 11/20 (2011.01) F41H 11/16 (2011.01)**
[25] EN
[54] **LANDMINE EXCAVATOR AND NEUTRALIZER AND RELATED METHODS**
[54] **APPAREIL D'EXCAVATION ET DE NEUTRALISATION DE MINES TERRESTRES ET PROCEDES ASSOCIES**
[72] YIM, PROSITHYRITH, CA
[72] LEE, CHRISTIAN JOSEPH, CA
[72] CHAU, CHUNG-KAY BARUCH, CA
[72] HU, MING XINCHI, CA
[72] DENG, JONATHAN JIAYU, CA
[72] LIU, YI BRIAN, CA
[72] SAQIB, UZAIR, CA
[72] SAUNDERS, DANIEL ALAN, CA
[71] DEMINE ROBOTICS INC., CA
[85] 2019-06-12
[86] 2017-12-12 (PCT/CA2017/051506)
[87] (WO2018/107285)
[30] US (62/433,404) 2016-12-13

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[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01)**
[25] EN
[54] **ENGINE-DRIVEN WELDING-TYPE POWER SUPPLIES WITH SECONDARY ENERGY GENERATION**
[54] **ALIMENTATIONS ELECTRIQUES DE TYPE SOUDAGE ENTRAINEES PAR MOTEUR A GENERATION D'ENERGIE SECONDAIRE**
[72] ORVEDAHL, TRAVIS, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-06-11
[86] 2017-12-19 (PCT/US2017/067258)
[87] (WO2018/118888)
[30] US (15/384,937) 2016-12-20

[21] **3,046,821**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61B 5/153 (2006.01)**
[25] EN
[54] **SAFETY INJECTION NEEDLE**
[54] **AIGUILLE D'INJECTION SECURISEE**
[72] WANG, XINGGUO, CN
[71] BERPU MEDICAL TECHNOLOGY CO., LTD, CN
[85] 2019-06-12
[86] 2016-12-15 (PCT/CN2016/110122)
[87] (WO2018/086192)
[30] CN (201610993369.6) 2016-11-11

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[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 34/30 (2016.01) A61L 29/12 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS OF CRAWLING CATHETERS WITH AUTOMATION ASSOCIATED PRODUCTS**
[54] **SYSTEMES DE CATHETERS RAMPANTS AVEC PRODUITS ASSOCIES A L'AUTOMATISATION**
[72] PATEL, AKSHAL, US
[71] VASOMETRICS, LLC, US
[85] 2019-06-11
[86] 2017-12-09 (PCT/US2017/065484)
[87] (WO2018/107133)
[30] US (62/432,687) 2016-12-11

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[13] A1
[51] **Int.Cl. H04W 48/02 (2009.01)**
[25] EN
[54] **SERVICE SET STEERING BASED UPON DEVICE IDENTIFIER**
[54] **DIRECTION D'ENSEMBLE DE SERVICES BASEE SUR UN IDENTIFIANT DE DISPOSITIF**
[72] YU, HAOKENG, CN
[71] ARRIS ENTERPRISES LLC, US
[85] 2019-06-12
[86] 2016-12-19 (PCT/CN2016/110851)
[87] (WO2018/112712)

[21] **3,046,824**
[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **THERMOSTABLE CAS9 NUCLEASES**
[54] **NUCLEASES THERMOSTABLES CAS9**
[72] VAN DER OOST, JOHN, NL
[72] VAN KRANENBURG, RICHARD, NL
[72] BOSMA, ELLEKE FENNA, NL
[72] MOUGIAKOS, IOANNIS, NL
[71] WAGENINGEN UNIVERSITEIT, NL
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[85] 2019-06-12
[86] 2016-12-14 (PCT/EP2016/081077)
[87] (WO2018/108272)

[21] **3,046,825**
[13] A1
[51] **Int.Cl. F16H 57/031 (2012.01) F16H 57/04 (2010.01)**
[25] EN
[54] **HOUSING FOR A TRANSMISSION**
[54] **CARTER DE BOITE DE VITESSES**
[72] SCHLEIF, ANDREW C., US
[72] KUHL, AMERY D., US
[72] HICKE, DAVID J., US
[72] BEJAWADA, NARENDER, US
[71] POLARIS INDUSTRIES INC., US
[85] 2019-06-11
[86] 2017-12-11 (PCT/US2017/065520)
[87] (WO2018/118470)
[30] US (15/388,106) 2016-12-22

[21] **3,046,826**
[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **THERMOSTABLE CAS9 NUCLEASES**
[54] **NUCLEASES CAS9 THERMOSTABLES**
[72] VAN DER OOST, JOHN, NL
[72] VAN KRANENBURG, RICHARD, NL
[72] BOSMA, ELLEKE FENNA, DK
[72] MOUGIAKOS, IOANNIS, NL
[72] MOHANRAJU, PRARTHANA, NL
[71] WAGENINGEN UNIVERSITEIT, NL
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[85] 2019-06-12
[86] 2017-08-16 (PCT/EP2017/070796)
[87] (WO2018/108338)
[30] EP (PCT/EP2016/081077) 2016-12-14

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/68 (2018.01) G01N 1/28 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SCREENING USING MICROCAPILLARY ARRAYS**
[54] **PROCEDES ET SYSTEMES DE CRIBLAGE A L'AIDE DE RESEAUX MICROCAPILLAIRES**
[72] COCHRAN, JENNIFER R., US
[72] CHEN, BOB, US
[72] ALFORD, SPENCER CALEB, US
[71] XCELLA BIOSCIENCES, INC., US
[85] 2019-06-11
[86] 2017-12-11 (PCT/US2017/065600)
[87] (WO2018/111765)
[30] US (62/433,210) 2016-12-12

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[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **THERMOSTABLE CAS9 NUCLEASES**
[54] **NUCLEASES CAS9 THERMOSTABLES**
[72] VAN DER OOST, JOHN, NL
[72] VAN KRANENBURG, RICHARD, NL
[72] BOSMA, ELLEKE FENNA, DK
[72] MOUGIAKOS, IOANNIS, NL
[72] MOHANRAJU, PRARTHANA, NL
[71] WAGENINGEN UNIVERSITEIT, NL
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[85] 2019-06-12
[86] 2017-08-16 (PCT/EP2017/070797)
[87] (WO2018/108339)
[30] EP (PCT/EP2016/081077) 2016-12-14

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[13] A1
[51] **Int.Cl. C07C 39/44 (2006.01) C08F 4/20 (2006.01)**
[25] EN
[54] **INITIATOR SYSTEM FOR CATIONIC POLYMERIZATION OF OLEFINS**
[54] **SYSTEME INITIATEUR POUR LA POLYMERISATION CATIONIQUE D'OLEFINES**
[72] ARSENAULT, GILLES, CA
[72] KHATERA, HAZIN, CA
[72] GATES, DEREK, CA
[71] ARLANXEO CANADA INC., CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2019-06-12
[86] 2017-12-14 (PCT/CA2017/051517)
[87] (WO2018/107295)
[30] EP (16204669.2) 2016-12-16

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[13] A1
[51] **Int.Cl. G21D 1/02 (2006.01) G21C 15/02 (2006.01) G21D 3/14 (2006.01)**
[25] EN
[54] **SMALL MODULAR REACTOR POWER PLANT WITH LOAD FOLLOWING AND COGENERATION CAPABILITIES AND METHODS OF USING**
[54] **PETITE CENTRALE ELECTRIQUE A REACTEUR MODULAIRE AYANT DES CAPACITES DE SUIVI DE CHARGE ET DE COGENERATION ET PROCEDES D'UTILISATION**
[72] WALTERS, LEON, US
[72] WADE, DAVID, US
[71] ADVANCED REACTOR CONCEPTS LLC, US
[85] 2019-06-11
[86] 2017-12-11 (PCT/US2017/065634)
[87] (WO2018/107170)
[30] US (62/432,668) 2016-12-11

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[13] A1
[51] **Int.Cl. H04W 52/04 (2009.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING UPLINK POWER**
[54] **PROCEDE ET DISPOSITIF DE REGULATION DE PUISSANCE EN LIAISON MONTANTE**
[72] LIN, YANAN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-06-12
[86] 2016-12-27 (PCT/CN2016/112421)
[87] (WO2018/107520)
[30] CN (PCT/CN2016/109652) 2016-12-13

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[13] A1
[51] **Int.Cl. B22D 41/62 (2006.01)**
[25] EN
[54] **AN ASSEMBLY FOR A METAL-MAKING PROCESS**
[54] **ENSEMBLE DESTINE A UN PROCEDE DE FABRICATION DE METAL**
[72] ERIKSSON, JAN-ERIK, SE
[72] GALPIN, JEAN-MARIE, FR
[72] RYDHOLM, BENGT, SE
[72] YANG, HONGLIANG, SE
[72] CURE, JEAN-LUC, FR
[72] TRIOLET, NICOLAS, FR
[72] LANGLET, BRUNO, FR
[72] SANDBERG, FREDRIK, SE
[71] ABB AB, SE
[71] ARCELORMITTAL, LU
[85] 2019-06-12
[86] 2017-11-23 (PCT/EP2017/080169)
[87] (WO2018/108477)
[30] EP (16203331.0) 2016-12-12

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[13] A1
[51] **Int.Cl. B25C 1/08 (2006.01)**
[25] EN
[54] **POWERED FASTENER-DRIVING TOOL INCLUDING AN ENGAGING ELEMENT TO FRICTIONALLY ENGAGE A PISTON UPON RETURNING TO A PRE-FIRING POSITION**
[54] **OUTIL MOTORISE D'ENFONCEMENT D'ELEMENTS DE FIXATION COMPRENANT UN ELEMENT D'ENTREE EN PRISE POUR ENTRER EN PRISE PAR FROTTEMENT AVEC UN PISTON LORS DU RETOUR A UNE POSITION D'AVANT LE TIR**
[72] ZHAO, HANXIN, US
[72] MOORE, STEPHEN, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-06-11
[86] 2017-12-20 (PCT/US2017/067594)
[87] (WO2018/128818)
[30] US (62/443,410) 2017-01-06
[30] US (15/847,243) 2017-12-19

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[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **DIRECTLY COMPRESSIBLE MATRIX FOR THE PRODUCTION OF TABLETS HAVING EXTENDED RELEASE OF ACTIVE PHARMACEUTICAL INGREDIENT**
[54] **MATRICE POUVANT ETRE DIRECTEMENT MISE SOUS FORME DE COMPRIME POUR LA PRODUCTION DE COMPRIMES PRESENTANT UNE LIBERATION DE SUBSTANCE ACTIVE PROLONGEE**
[72] BIRK, GUDRUN, DE
[72] MODDELMOG, GUENTER, DE
[72] WEDEL, THORSTEN, DE
[71] MERCK PATENT GMBH, DE
[85] 2019-06-12
[86] 2017-12-11 (PCT/EP2017/082122)
[87] (WO2018/108764)
[30] EP (16204112.3) 2016-12-14

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR IDENTITY AUTHENTICATION**
[54] **PROCEDE ET APPAREIL DE VERIFICATION D'IDENTITE**
[72] LI, JING, CN
[72] LI, LIANG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-05-21
[86] 2017-11-17 (PCT/CN2017/111623)
[87] (WO2018/095282)
[30] CN (201611070218.X) 2016-11-25

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[13] A1
[51] **Int.Cl. F25B 1/047 (2006.01) F25B 45/00 (2006.01) F25C 3/00 (2006.01)**
[25] EN
[54] **ICE MAKING MACHINE SET AND REFRIGERATION SYSTEM**
[54] **ENSEMBLE DE MACHINE A GLACE ET SYSTEME DE REFRIGERATION**
[72] LI, GUANGJING, CN
[71] LI, GUANGJING, CN
[85] 2019-06-12
[86] 2017-01-11 (PCT/CN2017/070844)
[87] (WO2018/129670)

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[13] A1
[51] **Int.Cl. A61K 49/08 (2006.01) A61K 49/18 (2006.01)**
[25] EN
[54] **BISMUTH-GADOLINIUM NANOPARTICLES**
[54] **NANOPARTICULES DE BISMUTH-GADOLINIUM**
[72] BERBECO, ROSS, US
[72] THOMAS, ELOISE, FR
[72] LUX, FRANCOIS, FR
[72] TILLEMENT, OLIVIER, FR
[72] DETAPPE, ALEXANDRE, US
[72] LE DUC, GERALDINE, FR
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] NH THERAGUIX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2019-06-07
[86] 2017-12-08 (PCT/US2017/065365)
[87] (WO2018/107057)
[30] US (62/431,607) 2016-12-08

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING SERVICE REQUEST**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UNE DEMANDE DE SERVICE**
[72] ZHUANG, WEIMING, CN
[72] LI, NING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-05-21
[86] 2018-03-19 (PCT/CN2018/079416)
[87] (WO2018/171539)
[30] CN (201710168014.8) 2017-03-21

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[13] A1
[51] **Int.Cl. G16H 50/50 (2018.01) A61B 8/15 (2006.01)**
[25] EN
[54] **METHOD OF, AND APPARATUS FOR, NON-INVASIVE MEDICAL IMAGING USING WAVEFORM INVERSION**
[54] **PROCEDE ET APPAREIL D'IMAGERIE MEDICALE NON EFFRACTIVE UTILISANT UNE INVERSION DE FORME D'ONDE**
[72] CALDERON AGUDO, OSCAR, GB
[71] CALDERON AGUDO, OSCAR, GB
[85] 2019-06-12
[86] 2017-12-11 (PCT/EP2017/082233)
[87] (WO2018/108820)
[30] GB (1621436.3) 2016-12-16

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[13] A1
[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **SEISMIC SURVEYS WITH INCREASED SHOT POINT INTERVALS FOR FAR OFFSETS**
[54] **RELEVES SISMIQUES AVEC DES INTERVALLES DE POINTS DE TIR ACCRUS POUR DEPORTS LOINTAINS**
[72] BEITZ, MANUEL, US
[72] STRAND, CHRISTIAN, US
[71] PGS GEOPHYSICAL AS, NO
[85] 2019-06-12
[86] 2017-12-13 (PCT/EP2017/082558)
[87] (WO2018/108979)
[30] US (62/434,222) 2016-12-14
[30] US (15/823,221) 2017-11-27

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[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/113 (2010.01) C12N 9/22 (2006.01) C12N 15/09 (2006.01) C12N 15/11 (2006.01) C12N 15/55 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **THERMOSTABLE CAS9 NUCLEASES**
[54] **NUCLEASES CAS9 THERMOSTABLES**
[72] VAN DER OOST, JOHN, NL
[72] VAN KRANENBURG, RICHARD, NL
[72] BOSMA, ELLEKE FENNA, NL
[72] MOUGIAKOS, IOANNIS, NL
[72] MOHANRAJU, PRARTHANA, NL
[71] WAGENINGEN UNIVERSITEIT, NL
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL
[85] 2019-06-12
[86] 2017-12-14 (PCT/EP2017/082870)
[87] (WO2018/109101)
[30] EP (PCT/EP2016/081077) 2016-12-14
[30] EP (PCT/EP2017/070796) 2017-08-16

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[13] A1
[51] **Int.Cl. A61B 18/24 (2006.01) A61B 18/00 (2006.01) A61B 18/18 (2006.01) A61B 18/22 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROLLING LASER THERMOTHERAPY**
[54] **APPAREIL ET PROCEDE DE COMMANDE POUR THERMOTHERAPIE LASER**
[72] DYMLING, STEPHAN, SE
[72] PANTALEONE, CRISTINA, SE
[71] CLINICAL LASERTHERMIA SYSTEMS AB, SE
[85] 2019-06-12
[86] 2017-12-14 (PCT/EP2017/082942)
[87] (WO2018/109139)
[30] EP (16204195.8) 2016-12-14

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[13] A1
[51] **Int.Cl. D04B 3/06 (2006.01) B65D 85/00 (2006.01) B65H 55/00 (2006.01) D05B 91/12 (2006.01) D05B 91/16 (2006.01)**
[25] EN
[54] **AN IMPROVEMENT OF A YARN-CARRYING AND DISPENSING APPARATUS**
[54] **AMELIORATION APPORTEE A UN APPAREIL DE TRANSPORT ET DE DISTRIBUTION DE FIL**
[72] SULLIVAN, KATHLEEN, US
[71] PRYM CONSUMER USA INC., US
[85] 2019-05-24
[86] 2017-10-25 (PCT/US2017/058344)
[87] (WO2018/081302)
[30] US (62/412,637) 2016-10-25

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[13] A1
[51] **Int.Cl. F03D 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A WIND TURBINE**
[54] **PROCEDE PERMETTANT DE COMMANDER UNE EOLIENNE**
[72] HARMS, HARRO, DE
[72] BERGEMANN, CONSTANTIN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2019-06-12
[86] 2017-12-15 (PCT/EP2017/082946)
[87] (WO2018/109141)
[30] DE (10 2016 124 630.1) 2016-12-16

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[13] A1
[51] **Int.Cl. A61K 31/19 (2006.01) A61K 31/195 (2006.01) A61K 31/197 (2006.01) A61K 31/27 (2006.01) A61K 31/4015 (2006.01) A61K 31/4192 (2006.01) A61K 31/423 (2006.01) A61K 31/4439 (2006.01) A61K 31/513 (2006.01) A61K 31/515 (2006.01) A61K 31/53 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) A61K 31/5513 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATION COMPRISING A T-TYPE CALCIUM CHANNEL BLOCKER**
[54] **COMBINAISON PHARMACEUTIQUE COMPRENANT UN BLOQUEUR DE CANAL CALCIQUE DE TYPE T**
[72] KESSLER, MELANIE, CH
[72] ROCH, CATHERINE, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2019-06-12
[86] 2017-12-15 (PCT/EP2017/082981)
[87] (WO2018/109152)
[30] EP (PCT/EP2016/081455) 2016-12-16

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[13] A1
[51] **Int.Cl. G02B 6/26 (2006.01) G02B 6/30 (2006.01)**
[25] EN
[54] **MICROSTRUCTURED FIBER OPTIC OSCILLATOR AND WAVEGUIDE FOR FIBER SCANNER**
[54] **OSCILLATEUR A FIBRE OPTIQUE MICROSTRUCTURE ET GUIDE D'ONDE POUR SCANNER A FIBRE**
[72] DALRYMPLE, TIMOTHY MARK, US
[72] CARLISLE, CLINTON, US
[72] SCHAEFER, JASON, US
[72] DUENNER, ANDREW C., US
[72] MATHUR, VAIBHAV, US
[71] MAGIC LEAP, INC., US
[85] 2019-06-11
[86] 2017-12-21 (PCT/US2017/067973)
[87] (WO2018/119278)
[30] US (62/438,898) 2016-12-23
[30] US (62/464,298) 2017-02-27

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **IL-11RA ANTIBODIES**
[54] **ANTICORPS IL-11RA**
[72] COOK, STUART ALEXANDER, SG
[72] SCHAEFER, SEBASTIAN, SG
[71] SINGAPORE HEALTH SERVICES PTE LTD, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2019-06-12
[86] 2017-12-15 (PCT/EP2017/083043)
[87] (WO2018/109170)
[30] GB (1621439.7) 2016-12-16

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[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 24/00 (2006.01) G01N 27/72 (2006.01) G01N 33/536 (2006.01) G01N 33/553 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MAGNETIC MULTI-BEAD ASSAYS**
[54] **PROCEDES ET APPAREIL POUR DES TESTS A PLUSIEURS BILLES MAGNETIQUES**
[72] CONNOLLY, COLIN B., US
[72] RANDALL, JEFFREY D., US
[72] PENA, JOHN C., US
[71] QUANTUM DIAMOND TECHNOLOGIES INC., US
[85] 2019-06-11
[86] 2017-12-22 (PCT/US2017/068126)
[87] (WO2018/119367)
[30] US (62/438,593) 2016-12-23

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[13] A1
[51] **Int.Cl. C07K 16/22 (2006.01) A61P 7/10 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ANTI-ADRENOMEDULLIN (ADM) ANTIBODY OR ANTI-ADM ANTIBODY FRAGMENT OR ANTI-ADM NON-IG SCAFFOLD FOR USE IN INTERVENTION AND THERAPY OF CONGESTION IN A PATIENT IN NEED THEREOF**
[54] **ANTICORPS ANTI-ADRENOMEDULLINE (ADM) OU FRAGMENT D'ANTICORPS ANTI-ADM OU ECHAFAUDAGE NON-IG ANTI-ADM DESTINE A ETRE UTILISE DANS UNE INTERVENTION ET UNE THERAPIE DE CONGESTION CHEZ UN PATIENT EN AYANT BESOIN**
[72] VOORS, ADRIAAN, NL
[71] ADRENOMED AG, DE
[85] 2019-06-12
[86] 2017-12-18 (PCT/EP2017/083311)
[87] (WO2018/109228)
[30] EP (16204847.4) 2016-12-16
[30] EP (16206305.1) 2016-12-22
[30] EP (17197176.5) 2017-10-18

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) H04W 4/30 (2018.01) H04W 4/80 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING CONCENTRATE USAGE OF A USER**
[54] **SYSTEME ET PROCEDE DESTINES A GERER UNE UTILISATION DE CONCENTRE D'UN UTILISATEUR**
[72] CALFEE, PETER, US
[72] WOODBINE, JOHN, US
[72] DEMYANOVICH, WILLIAM, US
[72] MITCHELL, GARY, US
[72] CARTER, CHRISTOPHER, US
[71] GOFIRE, INC., US
[85] 2019-06-11
[86] 2017-12-27 (PCT/US2017/068479)
[87] (WO2018/125889)
[30] US (15/391,829) 2016-12-27

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[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C07K 14/195 (2006.01) C07K 14/24 (2006.01) C07K 14/255 (2006.01) C07K 14/52 (2006.01) C12N 15/31 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **VIRULENCE ATTENUATED BACTERIA BASED PROTEIN DELIVERY**
[54] **LIVRAISON DE PROTEINES AU MOYEN DE BACTERIES A VIRULENCE ATTENUEE**
[72] ITTIG, SIMON, CH
[72] AMSTUTZ, MARLISE, CH
[72] KASPER, CHRISTOPH, CH
[71] UNIVERSITAT BASEL, CH
[85] 2019-06-12
[86] 2017-12-20 (PCT/EP2017/083853)
[87] (WO2018/115140)
[30] EP (16205439.9) 2016-12-20

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[13] A1
[51] **Int.Cl. B23K 9/173 (2006.01) B23K 9/26 (2006.01) B23K 9/29 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **NOZZLE AND GAS DIFFUSER ASSEMBLIES FOR WELDING TORCHES**
[54] **ENSEMBLES BUSE ET DIFFUSEUR DE GAZ POUR TORCHES DE SOUDAGE**
[72] WHIPPLE, BRADLEY EUGENE, US
[72] WELLS, JEFFREY G., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2019-06-11
[86] 2017-12-28 (PCT/US2017/068695)
[87] (WO2018/125997)
[30] US (62/439,831) 2016-12-28
[30] US (15/855,406) 2017-12-27

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[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01) G01N 1/00 (2006.01) G01N 35/02 (2006.01) G01N 35/04 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **SAMPLE RECEIVING ASSEMBLY AND PROBE**
[54] **ENSEMBLE DE RECEPTION D'ECHANTILLON ET SONDE**
[72] GALANO, KENNETH P., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2019-06-11
[86] 2017-12-12 (PCT/US2017/065732)
[87] (WO2018/111825)
[30] US (62/433,486) 2016-12-13

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[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/44 (2006.01) A47J 31/60 (2006.01)**
[25] EN
[54] **BREWING MODULE AND DRINKS PREPARATION MACHINE**
[54] **MODULE D'INFUSION ET MACHINE DE PREPARATION DE BOISSONS**
[72] HILCKMANN, MARIUS, DE
[72] KROOS, FRIEDRICH, CH
[71] TCHIBO GMBH, DE
[85] 2019-06-12
[86] 2017-12-20 (PCT/EP2017/083930)
[87] (WO2018/115187)
[30] EP (16206249.1) 2016-12-22

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[13] A1
[51] **Int.Cl. A61B 5/05 (2006.01)**
[25] EN
[54] **SYNCHRONIZATION DEVICES AND METHODS FOR SYNCHRONIZING IMAGING SYSTEMS AND STIMULATION SYSTEMS**
[54] **DISPOSITIFS DE SYNCHRONISATION ET PROCEDES DE SYNCHRONISATION DE SYSTEMES D'IMAGERIE ET DE SYSTEMES DE STIMULATION**
[72] MADSEN, MICHAEL, US
[72] FANG, ZHONGNAN, US
[72] LEE, JIN HYUNG, US
[71] LVIS CORPORATION, US
[85] 2019-06-11
[86] 2017-12-12 (PCT/US2017/065733)
[87] (WO2018/111826)
[30] US (62/433,026) 2016-12-12

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTI-ALPHA-SYNUCLEIN ANTIBODIES FOR PREVENTING TAU AGGREGATION**
[54] **ANTICORPS MONOCLONAUX ANTI-ALPHA-SYNUCLEINE POUR PREVENIR L'AGREGATION DE LA PROTEINE TAU**
[72] FOG, KARINA, DK
[72] PEDERSEN, JEPPE FALSIG, DK
[71] H. LUNDBECK A/S, DK
[85] 2019-06-12
[86] 2017-12-21 (PCT/EP2017/083994)
[87] (WO2018/115225)
[30] DK (PA201600782) 2016-12-22
[30] DK (PA201700016) 2017-01-05

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR PROCESSING TWO-DIMENSIONAL BARCODES**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT DE CODE-BARRES BIDIMENSIONNEL**
[72] SHEN, LINGNAN, CN
[72] CHEN, GE, CN
[72] LIU, YANGHUI, CN
[72] JIN, HUIFENG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-06-12
[86] 2017-12-04 (PCT/CN2017/114382)
[87] (WO2018/107988)
[30] CN (201611154671.9) 2016-12-14

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[13] A1
[51] **Int.Cl. H02K 9/02 (2006.01) H02K 9/04 (2006.01)**
[25] EN
[54] **STATOR SUPPORT FOR A STATOR OF A WIND TURBINE GENERATOR, STATOR, GENERATOR AND WIND TURBINE COMPRISING THE STATOR SUPPORT**
[54] **SUPPORT DE STATOR POUR STATOR D'UN GENERATEUR D'EOLIENNE, STATOR, GENERATEUR ET EOLIENNE MUNI DE CE SUPPORT DE STATOR**
[72] MESSNER, BIRTE, DE
[72] ROER, JOCHEN, DE
[72] ZIEMS, JAN CARSTEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2019-06-12
[86] 2017-12-21 (PCT/EP2017/084228)
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[30] DE (10 2016 125 218.2) 2016-12-21

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[13] A1
[51] **Int.Cl. G06Q 20/20 (2012.01) G06Q 20/32 (2012.01) G06Q 20/36 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COLLABORATIVE SHOPPING**
[54] **APPAREIL ET PROCEDE POUR ACHATS COLLABORATIFS**
[72] MATTINGLY, TODD D., US
[72] HIGH, DONALD R., US
[72] ANTEL, NICHOLAS RAY, US
[72] TOVEY, DAVID, US
[72] O'BRIEN, JOHN J., US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-11
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[30] US (62/434,765) 2016-12-15

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[54] **ORAL PREPARATION OF GLUCOKINASE ACTIVATOR AND PREPARATION METHOD THEREFOR**
[54] **PREPARATION ORALE D'ACTIVATEUR DE GLUCOKINASE ET SON PROCEDE DE PREPARATION**
[72] CHEN, LI, CN
[72] LI, YONGGUO, CN
[72] WANG, GAOSEN, CN
[71] HUA MEDICINE (SHANGHAI) LTD., CN
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[54] **CARACTERISATION DE SERVICE GEOLOGIQUE AUGMENTEE**
[72] MENON, SHASHI, US
[72] ABUBAKAR, ARIA, US
[72] JAIN, VIKAS, US
[72] ALLEN, DAVID FURSE, US
[72] RASMUS, JOHN, US
[72] HORKOWITZ, JOHN PAUL, US
[72] GUILLOT, VALERIAN, FR
[72] D'HALLUIN, FLORENT, FR
[72] AKKURT, RIDVAN, GB
[72] WLODARCZYK, SYLVAIN, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2019-06-11
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[54] **PROTEASOME INHIBITING SS-LACTAM PRODRUGS USEFUL FOR THE TREATMENT OF CANCER AND NEURODEGENERATIVE DISORDERS**
[54] **PROMEDICAMENTS A BASE DE SS-LACTAME INHIBITEURS DU PROTEASOME UTILES POUR LE TRAITEMENT DU CANCER ET DE TROUBLES NEURODEGENERATIFS**
[72] SIMON, PHILIPPE YVES-REMY, FR
[72] OREAL, HENRI, FR
[72] AUDRAN, GERARD, FR
[72] SCHULZ, MARVIN, FR
[72] JOLY, JEAN-PATRICK, FR
[72] SIRI, DIDIER, FR
[72] SIRI, ANOUK, FR
[71] VITA API, FR
[71] ETAT FRANCAIS REPRESENTE PAR LE DIRECTEUR CENTRAL DU SERVICE DE SANTE DES ARMEES, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -, FR
[85] 2019-06-12
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[54] **CDK4/6 INHIBITOR**
[54] **INHIBITEUR DE CDK4/6**
[72] XU, ZHAOBING, CN
[72] HU, LIHONG, CN
[72] DING, CHARLES Z., CN
[72] CHEN, SHUHUI, CN
[71] CSTONE PHARMACEUTICALS, KY
[71] MEDSHINE DISCOVERY INC., CN
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[51] **Int.Cl. E06B 9/84 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING THE FALL OF A DOOR LEAF, SYSTEM FOR DETECTING THE FALL OF A DOOR LEAF, AND METHOD FOR DETECTING THE FALL OF A DOOR LEAF**
[54] **DISPOSITIF DE DETECTION DE LA CHUTE D'UN VANTAIL DE PORTE, SYSTEME DE DETECTION DE LA CHUTE D'UN VANTAIL DE PORTE ET PROCEDE DE DETECTION DE LA CHUTE D'UN VANTAIL DE PORTE**
[72] VOGEL, DANIELA, DE
[72] EICHSTETTER, KARL, DE
[71] EFAFLEX TOR- UND SICHERHEITSSYSTEME GMBH & CO. KG, DE
[85] 2019-06-12
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[54] **CRYPTOGRAPHIE EN BOITE BLANCHE FORTE**
[72] ANDERSON, LEX AARON, NZ
[71] ARRIS ENTERPRISES LLC, US
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[54] **BROADCAST CHANNEL ENCODING AND DECODING**
[54] **CODAGE ET DECODAGE DE CANAL DE DIFFUSION**
[72] WEI, CHAO, US
[72] XU, CHANGLONG, US
[72] HOU, JILEI, US
[72] LI, JIAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **DRONE PRE-SURVEILLANCE**
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[72] TRUNDLE, STEPHEN SCOTT, US
[72] KERZNER, DANIEL TODD, US
[71] ALARM.COM INCORPORATED, US
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[86] 2017-12-12 (PCT/US2017/065909)
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[25] EN
[54] **COMBINATION, APPLICATION THEREOF AND TREATMENT METHOD**
[54] **COMPOSITION, SON APPLICATION ET PROCEDE DE TRAITEMENT**
[72] GE, CHUANSHENG, CN
[72] LIAO, BAISONG, CN
[72] LEE, WEN-CHERNG, CN
[71] KANGPU BIOPHARMACEUTICALS, LTD., CN
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[54] **GAS DELIVERY VALVE AND METHODS OF USE THEREOF**
[54] **ROBINET DE DISTRIBUTION DE GAZ ET SES PROCEDES D'UTILISATION**
[72] HEIDERMAN, DOUGLAS C., US
[72] SINHA, ASHWINI K., US
[72] MCBEARTY, MICHAEL, US
[72] PISCITELLI, JOHN, US
[71] PRAXAIR TECHNOLOGY, INC., US
[71] SHERWOOD VALVE, LLC, US
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[51] **Int.Cl. B66B 23/00 (2006.01)**
[25] EN
[54] **FLOOR COVER ARRANGEMENT FOR COVERING AN UNDERFLOOR SPACE OF A PASSENGER CONVEYOR**
[54] **SYSTEME DE REVETEMENT DE SOL POUR RECOUVRIR UN ESPACE SOUS PLANCHER D'UN SYSTEME DE TRANSPORT DE PASSAGERS**
[72] LIU, LISA, CN
[72] NOVACEK, THOMAS, AT
[72] XU, BILL, CN
[72] YAO, CUI, CN
[71] INVENTIO AG, CH
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[54] **BACILLUS-BASED COMPONENTS FOR INHIBITING OR DELAYING THE GROWTH OF ENTEROCOCCUS SPP. IN ANIMALS**
[54] **COMPOSANTS A BASE DE BACILLUS POUR INHIBER OU RETARDER LA CROISSANCE DE ENTEROCOCCUS SPP. CHEZ LES ANIMAUX**
[72] BERNARDEAU, MARION, FR
[72] WEALLEANS, ALEXANDRA, GB
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[25] EN
[54] **A METHOD OF PREDICTING A TRAFFIC BEHAVIOUR IN A ROAD SYSTEM**
[54] **PROCEDE DE PREDICTION D'UN COMPORTEMENT DE CIRCULATION DANS UN SYSTEME ROUTIER**
[72] GIL AGUIRREBEITIA, CARLOS, ES
[72] GARCIA CASADO, RUBEN, ES
[71] KAPSCH TRAFFICCOM AG, AT
[85] 2019-06-12
[86] 2018-01-23 (PCT/EP2018/051549)
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[25] EN
[54] **HINGE FOR THE ROTATABLE MOVEMENT OF A DOOR OR SIMILAR CLOSING ELEMENT**
[54] **CHARNIERE POUR LE MOUVEMENT ROTATIF D'UNE PORTE OU D'UN ELEMENT DE FERMETURE SIMILAIRE**
[72] BENEDETTI, LUCA, IT
[72] MESAROS, MIHAI, IT
[71] COLCOM GROUP S.P.A., IT
[85] 2019-05-30
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[25] EN
[54] **IMPROVED UREA-BASED COMPOSITION AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **COMPOSITION A BASE D'UREE AMELIOREE ET SON PROCEDE DE FABRICATION**
[72] COLPAERT, FILIP, BE
[72] VAN BELZEN, RUUD, NL
[71] YARA INTERNATIONAL ASA, NO
[85] 2019-06-12
[86] 2018-03-07 (PCT/EP2018/055563)
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[25] EN
[54] **DOOR WITH AN INTELLIGENT DOOR LEAF, WHICH HAS AN ELECTRICALLY SELF-SUFFICIENT DOOR LEAF MEANS, AND METHOD THEREFOR**
[54] **PORTAIL AVEC UN VANTAIL DE PORTAIL INTELLIGENT, QUI POSSEDE UN DISPOSITIF DE VANTAIL DE PORTE ELECTRIQUEMENT AUTONOME, ET PROCEDE ASSOCIE**
[72] EICHSTETTER, KARL, DE
[71] EFAFLEX TOR- UND SICHERHEITSSYSTEME GMBH & CO. KG, DE
[85] 2019-06-12
[86] 2018-01-11 (PCT/EP2018/050683)
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[51] **Int.Cl. B22C 1/16 (2006.01) B22C 1/22 (2006.01) B22C 9/12 (2006.01) C08G 18/18 (2006.01) C08G 18/54 (2006.01) C08G 18/76 (2006.01) C08G 8/36 (2006.01)**
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[54] **BINDER BASED ON PHENOLIC RESINS OF THE BENZYL ETHER TYPE, CONTAINING FREE PHENOL AND FREE HYDROXYBENZYL ALCOHOLS**
[54] **LIANT A BASE DE RESINES DE PHENOL DE TYPE BENZYL ETHER CONTENANT UN PHENOL LIBRE ET DES ALCOOLS HYDROXYBENZYLIQUES LIBRES**
[72] PRIEBE, CHRISTIAN, DE
[72] SCHNEIDER, PHILIPP, DE
[72] STANCLIFF, MARK, GB
[72] WEAVER, BRIAN, GB
[71] ASK CHEMICALS GMBH, DE
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[25] EN
[54] **COMPONENT SYSTEM FOR PRODUCING CORES AND MOLDS**
[54] **SYSTEME D'ELEMENTS DESTINE A LA FABRICATION DE NOYAUX ET DE MOULES**
[72] PRIEBE, CHRISTIAN, DE
[72] MULLER, JENS, DE
[72] DETERS, HEINZ, DE
[72] SCHNEIDER, PHILIP, DE
[72] LENZEN, FRANK, DE
[72] DORSCHEL, MARKUS, DE
[71] ASK CHEMICALS GMBH, DE
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[54] **A CO-AMORPHOUS FORM OF A SUBSTANCE AND A PROTEIN**
[54] **FORME CO-AMORPHE D'UNE SUBSTANCE ET D'UNE PROTEINE**
[72] MISHRA, JAYA, DK
[72] BOHR, ADAM, DK
[72] BERG, THILO, DE
[72] LOBMANN, KORBINIAN, DK
[72] RADES, THOMAS, DK
[72] GROHGANZ, HOLGER, DK
[72] WATER, JORRIT, DK
[71] UNIVERSITY OF COPENHAGEN, DK
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[54] **INDUCTION OF FLORAL DEVELOPMENT IN PLANTS**
[54] **INDUCTION DU DEVELOPPEMENT FLORAL DES PLANTES**
[72] PAUL, MATTHEW JEREMY, GB
[71] ROTHAMSTED RESEARCH LIMITED, GB
[85] 2019-06-12
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[30] GB (1621193.0) 2016-12-13

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[51] **Int.Cl. C10L 1/02 (2006.01) C10L 1/16 (2006.01) C10L 1/185 (2006.01) C10L 10/02 (2006.01)**
[25] EN
[54] **A MULTICOMPONENT DIESEL COMPOSITION**
[54] **COMPOSITION DE DIESEL A CONSTITUANTS MULTIPLES**
[72] KIISKI, ULLA, FI
[72] KURONEN, MARKKU, FI
[72] LEHTO, KALLE, FI
[72] HARTIKKA, TUUKKA, FI
[71] NESTE OYJ, FI
[85] 2019-06-12
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[51] **Int.Cl. B27B 31/06 (2006.01) B23Q 17/20 (2006.01) G01B 11/04 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A SAWLINE AND A SAWLINE**
[54] **PROCEDE D'ACTIONNEMENT D'UNE UNITE DE SCIAGE ET UNITE DE SCIAGE**
[72] RAUTIO, MARKKU, FI
[71] VEISTO OY, FI
[85] 2019-06-12
[86] 2017-11-23 (PCT/FI2017/050814)
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[25] EN
[54] **A MULTICOMPONENT DIESEL COMPOSITION**
[54] **COMPOSITION DE DIESEL A CONSTITUANTS MULTIPLES**
[72] KIISKI, ULLA, FI
[72] KURONEN, MARKKU, FI
[72] LEHTO, KALLE, FI
[72] HARTIKKA, TUUKKA, FI
[71] NESTE OYJ, FI
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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 38/04 (2006.01) A61K 38/16 (2006.01) A61K 39/395 (2006.01) A61P 3/04 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING DISEASES ASSOCIATED WITH ILC2 CELLS**
[54] **METHODES DE TRAITEMENT DE MALADIES ASSOCIEES AUX CELLULES ILC2**
[72] VEIGA FERNANDES, JOSE HENRIQUE, PT
[72] CARDOSO, VANIA RITA DE FARIA, PT
[72] CHESNE, JULIE MICHELLE EVELYNE, PT
[71] LIMM THERAPEUTICS, SA, FR
[85] 2019-06-12
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[54] **LIPIDE CATIONIQUE IONISABLE POUR L'ADMINISTRATION D'ARN**
[72] PAYNE, JOSEPH E., US
[72] CHIVUKULA, PADMANABH, US
[72] TANIS, STEVEN P., US
[72] KARMALI, PRIYA, US
[71] ARCTURUS THERAPEUTICS, INC., US
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[30] US (15/387,067) 2016-12-21
[30] US (PCT/US2017/015886) 2017-01-31

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[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING A CONCENTRATION OF AT LEAST ONE ANALYTE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UNE CONCENTRATION D'AU MOINS UN ANALYTE**
[72] MARQUANT, MICHAEL, DE
[72] EVGIN, SAMUEL, DE
[72] KLEIN, MELANIE, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2019-06-12
[86] 2017-12-20 (PCT/EP2017/083838)
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[13] A1
[51] **Int.Cl. H02N 2/06 (2006.01) H02M 7/5387 (2007.01) H02M 11/00 (2006.01)**
[25] FR
[54] **PIEZOELECTRIC ACTUATOR TYPE CONTROL DEVICE FOR CAPACITIVE LOADS**
[54] **DISPOSITIF DE COMMANDE POUR CHARGES CAPACITIVES DE TYPE ACTIONNEURS PIEZOELECTRIQUES**
[72] MASCIANTONIO, UGO, FR
[72] MORARU, GEORGE, FR
[72] DURDAN, THEOPHILE, FR
[71] CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES, FR
[71] ECOLE NATIONALE SUPERIEURE DES ARTS ET METIERS (ENSAM), FR
[71] AMVALOR, FR
[85] 2019-06-12
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[30] FR (1662550) 2016-12-15

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[25] EN
[54] **EXON SKIPPING BY PEPTIDE NUCLEIC ACID DERIVATIVES**
[54] **SAUT D'EXON PAR DES DERIVES D'ACIDE NUCLEIQUE PEPTIDIQUE**
[72] CHUNG, SHIN, KR
[72] JUNG, DARAM, KR
[72] CHO, BONGJUN, KR
[72] JANG, KANGWON, KR
[72] YOON, HEUNGSIK, KR
[71] OLIPASS CORPORATION, KR
[85] 2019-06-12
[86] 2017-12-29 (PCT/IB2017/001725)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01) C07K 17/00 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **ANTIBODY VARIANTS TRANSMIGRATING THE BLOOD-BRAIN BARRIER AND USES THEREOF**
[54] **VARIANTS D'ANTICORPS FRANCHISSANT LA BARRIERE HEMATO-ENCEPHALIQUE ET LEURS UTILISATIONS**
[72] STANIMIROVIC, DANICA, CA
[72] SULEA, TRAIAN, CA
[72] KEMMERICH, KRISTIN, CA
[72] WILSON, DAVID, US
[72] STRATTON, JENNIFER, US
[72] POLLARD, MATTHEW, AU
[72] CLARKE, ADAM, AU
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] TEVA BRANDED PHARMACEUTICAL PRODUCTS R&D, INC., US
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[54] **ENHANCING COMPLEX FRACTURE NETWORKS IN SUBTERRANEAN FORMATIONS**
[54] **AMELIORATION DE RESEAUX DE FRACTURES COMPLEXES DANS DES FORMATIONS SOUTERRAINES**
[72] NGUYEN, PHILIP D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FRACTURING TREATMENTS IN SUBTERRANEAN FORMATIONS USING ELECTRICALLY CONTROLLED PROPELLANTS**
[54] **TRAITEMENTS DE FRACTURATION DANS DES FORMATIONS SOUTERRAINES METTANT EN □UVRE DE PROPULSEURS A COMMANDE ELECTRIQUE**
[72] NGUYEN, PHILIP D., US
[72] DUSTERHOFT, RONALD GLEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **OPTIMIZATION OF RANGING MEASUREMENTS**
[54] **OPTIMISATION DE MESURES DE TELEMETRIE**
[72] KALATEH AHMAD, AKRAM AHMADI, US
[72] DONDERICI, BURKAY, US
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONTROL OF FAR FIELD FRACTURE DIVERSION BY LOW RATE TREATMENT STAGE**
[54] **COMMANDE DE DEVIATION DE FRACTURE DE CHAMP LOINTAIN PAR ETAPE DE TRAITEMENT A FAIBLE DEBIT**
[72] MARTYSEVICH, VLADIMIR NIKOLAYEVICH, US
[72] WALTERS, HAROLD GRAYSON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-06-12
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[51] **Int.Cl. E21B 47/00 (2012.01) G01R 33/44 (2006.01) G01V 3/32 (2006.01)**
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[54] **DOWNHOLE NUCLEAR MAGNETIC RESONANCE TOOL WITH ACTIVE COMPENSATION FOR MOTIONAL EFFECTS**
[54] **OUTIL DE RESONANCE MAGNETIQUE NUCLEAIRE DE FOND DE TROU A COMPENSATION ACTIVE POUR DES EFFETS DE MOUVEMENT**
[72] REIDERMAN, ARCADY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. A61M 25/02 (2006.01) A61F 13/00 (2006.01)**
[25] EN
[54] **SECUREMENT DRESSING FOR VASCULAR ACCESS DEVICE WITH SKIN ADHESIVE APPLICATION WINDOW**
[54] **PANSEMENT DE FIXATION POUR DISPOSITIF D'ACCES VASCULAIRE AVEC FENETRE D'APPLICATION D'ADHESIF CUTANE**
[72] BURKHOLZ, JONATHAN KARL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-06-12
[86] 2017-11-07 (PCT/US2017/060446)
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[54] **DYNAMIC ALERT SYSTEM IN A FACILITY**
[54] **SYSTEME D'ALERTE DYNAMIQUE DANS UNE INSTALLATION**
[72] HIGH, DONALD R., US
[72] JONES, MATTHEW ALLEN, US
[72] HALBROOK, JOSEPH COURTLAND, US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-12
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[54] **EMBEDDING SECURITY INFORMATION IN AN IMAGE**
[54] **INTEGRATION D'INFORMATIONS DE SECURITE DANS UNE IMAGE**
[72] JONES, ROBERT, US
[72] WU, YECHENG, US
[71] IDEMIA IDENTITY & SECURITY USA LLC, US
[85] 2019-06-12
[86] 2017-11-09 (PCT/US2017/060926)
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[54] **PLEATED, TAPERED, AND SPIRAL-WOUND CROSS-FLOW FILTER ELEMENT**
[54] **ELEMENT DE FILTRE A ECOULEMENT TRANSVERSAL PLISSE, CONIQUE ET ENROULE EN SPIRALE**
[72] YAEGER, SCOTT P., US
[72] YAEGER, WALTER E., US
[71] YAEGER, SCOTT P., US
[71] YAEGER, WALTER E., US
[85] 2019-06-12
[86] 2017-11-10 (PCT/US2017/061025)
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[54] **CONTAINMENT SEAL**
[54] **JOINT DE CONFINEMENT**
[72] NOEL, DEREK, US
[71] NUSCALE POWER, LLC, US
[85] 2019-06-12
[86] 2017-11-13 (PCT/US2017/061356)
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[25] EN
[54] **POLYPEPTIDES FOR MANAGING VIRAL INFECTIONS**
[54] **POLYPEPTIDES POUR LA PRISE EN CHARGE D'INFECTIONS VIRALES**
[72] GEORGE, SANIL, IN
[72] JACOB, JOSHY, US
[72] HOLTHAUSEN, DAVID, US
[72] LEE, SONG HEE, US
[72] SHARTOUNY, JESSICA, US
[71] EMORY UNIVERSITY, US
[71] RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY, IN
[85] 2019-06-12
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[54] **FLUID DELIVERY APPARATUS HAVING A GAS EXTRACTION DEVICE AND METHOD OF USE**
[54] **APPAREIL DE DISTRIBUTION DE FLUIDE AYANT UN DISPOSITIF D'EXTRACTION DE GAZ ET PROCEDE D'UTILISATION**
[72] ROSS, RUSSELL F., US
[72] BAKER, ANDREW T., US
[72] HAGAN, LUKE, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2019-06-12
[86] 2017-12-05 (PCT/US2017/064604)
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[51] **Int.Cl. C12N 15/00 (2006.01) C12N 15/90 (2006.01)**
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[54] **RECONSTRUCTION OF SITE SPECIFIC NUCLEASE BINDING SITES**
[54] **RECONSTRUCTION DE SITES DE LIAISON DE NUCLEASE SPECIFIQUE A UN SITE**
[72] CORBIN, DAVID H., US
[72] CHEN, WEI, US
[72] NOVAK, STEPHEN, US
[72] LEE, RYAN M., US
[72] KUMAR, SANDEEP, US
[72] ASBERRY, ANDREW, US
[72] WORDEN, ANDREW F., US
[71] DOW AGROSCIENCES LLC, US
[85] 2019-06-12
[86] 2017-12-06 (PCT/US2017/064838)
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[25] EN
[54] **HIGH THERMAL STABILITY MELAMINE OCTAMOLYBDATE AND USE THEREOF AS A SMOKE SUPPRESSANT IN POLYMER COMPOSITIONS**
[54] **OCTAMOLYBDATE DE MELAMINE A HAUTE STABILITE THERMIQUE ET SON UTILISATION EN TANT QU'AGENT D'ELIMINATION DE FUMEE DANS DES COMPOSITIONS POLYMERES**
[72] LIU, YUE, US
[72] ISAROV, ALEKSEY, US
[72] TEMPLES, DAVID DWAYNE, US
[72] REECE, DAVID STANLEY, US
[72] PIERCE, MITCHELL LEE, US
[71] J.M. HUBER CORPORATION, US
[85] 2019-06-12
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[25] EN
[54] **STEERING BETWEEN CONTENT STREAMING DEVICES USING DERIVED LINK METRICS AND CHANNEL UTILIZATION INFORMATION**
[54] **ORIENTATION ENTRE DES DISPOSITIFS DE DIFFUSION EN CONTINU DE CONTENU A L'AIDE DE METRIQUES DE LIAISON DERIVEES ET D'INFORMATIONS D'UTILISATION DE CANAL**
[72] STRATER, JAY, US
[72] NAKANISHI, GREGORY, US
[72] HARTMAN, MICHAEL J., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2019-06-12
[86] 2017-12-07 (PCT/US2017/065198)
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[51] **Int.Cl. A61M 25/06 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SAFETY NEEDLE DEVICE**
[54] **DISPOSITIF DE SECURITE POUR AIGUILLE**
[72] SANDERS, LAURIE, US
[72] SWANSON, DARRIN, US
[72] HAYES, JOHN, US
[72] WILLARD, GRETCHEN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/158 (2006.01) A61M 25/06 (2006.01)**
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[54] **SAFETY NEEDLE DEVICE**
[54] **DISPOSITIF DE SECURITE POUR SERINGUE**
[72] SMITH, PETER, US
[72] SANDERS, LAURIE, US
[72] BROWKA, EDWARD P., US
[72] MARICI, PAUL, US
[72] NICHOLS, ELI B., US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2017-12-12 (PCT/US2017/065689)
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[30] US (62/433,350) 2016-12-13
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[25] EN
[54] **SAFETY NEEDLE DEVICES**
[54] **DISPOSITIFS D'AIGUILLE DE SECURITE**
[72] SANDERS, LAURIE, US
[72] SMITH, PETER, US
[72] BROWKA, EDWARD P., US
[72] NICHOLS, ELI B., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-06-12
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[30] US (62/433,294) 2016-12-13
[30] US (62/433,350) 2016-12-13
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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/158 (2006.01) A61M 25/06 (2006.01)**
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[54] **SAFETY NEEDLE DEVICES**
[54] **DISPOSITIFS D'AIGUILLE DE SECURITE**
[72] SANDERS, LAURIE, US
[72] SMITH, PETER, US
[72] BROWKA, EDWARD P., US
[72] NICHOLS, ELI B., US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2017-12-12 (PCT/US2017/065717)
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[51] **Int.Cl. G01D 3/032 (2006.01) G01V 99/00 (2009.01) E05F 7/00 (2006.01) G01P 15/00 (2006.01)**
[25] EN
[54] **DETERMINING AN OPEN/CLOSE STATUS OF A BARRIER**
[54] **DETERMINATION D'UN ETAT OUVERT/FERME D'UNE BARRIERE**
[72] HE, DAKE, CA
[72] GAO, YU, CA
[72] LEVATO, ALEXANDER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2019-06-12
[86] 2017-12-19 (PCT/CA2017/051537)
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[30] US (62/436,587) 2016-12-20
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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **BRAIN COMPUTER INTERFACE SYSTEMS AND METHODS OF USE THEREOF**
[54] **SYSTEMES D'INTERFACE CERVEAU-ORDINATEUR ET LEURS PROCEDES D'UTILISATION**
[72] GRIBETZ, MERON, US
[72] LEUTHARDT, ERIC CLAUDE, US
[71] INNER COSMOS LLC, US
[85] 2019-06-12
[86] 2017-12-14 (PCT/IB2017/057952)
[87] (WO2018/109715)
[30] US (62/433,946) 2016-12-14
[30] US (62/470,900) 2017-03-14

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/12 (2006.01) A61K 47/06 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61K 47/44 (2017.01)**
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[54] **RECTAL FOAM FORMULATIONS**
[54] **FORMULATIONS DE MOUSSE RECTALE**
[72] LARSEN, CRILLES CASPER, NL
[71] FERRING B.V., NL
[85] 2019-06-12
[86] 2017-12-14 (PCT/IB2017/057954)
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[51] **Int.Cl. A61B 5/00 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ITERATIVE CLASSIFICATION USING NEUROPHYSIOLOGICAL SIGNALS**
[54] **SYSTEME ET PROCEDE POUR CLASSIFICATION ITERATIVE UTILISANT DES SIGNAUX NEUROPHYSIOLOGIQUES**
[72] GEVA, AMIR B., IL
[72] NETZER, EITAN, IL
[72] MANOR, RAN EL, IL
[72] VAISMAN, SERGEY, IL
[72] DEOUELL, LEON Y., IL
[72] ANTMAN, URI, IL
[71] INNEREYE LTD., IL
[85] 2019-06-12
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[25] EN
[54] **SYSTEM AND METHOD FOR INITIALIZING AND OPERATING METAL-AIR CELL**
[54] **SYSTEME ET PROCEDE POUR INITIALISER ET FAIRE FONCTIONNER UNE PILE METAL-AIR**
[72] YAKUPOV, ILYA, IL
[72] YADGAR, AVRAHAM, IL
[72] DANINO, AVIEL, IL
[71] PHINERGY LTD., IL
[85] 2019-06-12
[86] 2017-12-14 (PCT/IL2017/051347)
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[51] **Int.Cl. F02D 15/02 (2006.01) F02B 75/32 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE CONTROL METHOD AND CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE ET DISPOSITIF DE COMMANDE DE MOTEUR A COMBUSTION INTERNE**
[72] TAKAHASHI, EIJI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-06-12
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[25] EN
[54] **IMAGE DECODING DEVICE AND IMAGE ENCODING DEVICE**
[54] **DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE D'IMAGE**
[72] IKAI, TOMOHIRO, JP
[72] YASUGI, YUKINOBU, JP
[72] AONO, TOMOKO, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[30] JP (2016-244900) 2016-12-16
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[51] **Int.Cl. H01B 1/22 (2006.01) C08K 7/00 (2006.01) C08L 21/00 (2006.01) H01B 1/00 (2006.01)**
[25] EN
[54] **ELASTIC CONDUCTOR, PASTE FOR FORMING ELASTIC CONDUCTOR, AND METHOD FOR PRODUCING ELASTIC CONDUCTOR**
[54] **CONDUCTEUR ELASTIQUE, PATE PERMETTANT DE FORMER UN CONDUCTEUR ELASTIQUE ET PROCEDE PERMETTANT DE PRODUIRE UN CONDUCTEUR ELASTIQUE**
[72] MATSUHISA, NAOJI, JP
[72] SOMEYA, TAKAO, JP
[72] INOUE, DAISHI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[85] 2019-06-12
[86] 2017-12-14 (PCT/JP2017/044850)
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[51] **Int.Cl. B21D 22/00 (2006.01) B21D 22/26 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **METAL SHEET FORMING METHOD, INTERMEDIATE SHAPE DESIGN METHOD, METAL SHEET FORMING DIE, COMPUTER PROGRAM, AND RECORDING MEDIUM**
[54] **PROCEDE DE MISE EN FORME DE TOLE METALLIQUE, PROCEDE DE CONCEPTION DE FORME INTERMEDIAIRE, MOULE DE MISE EN FORME DE TOLE METALLIQUE, PROGRAMME INFORMATIQUE ET SUPPORT D'ENREGISTREMENT**
[72] TANAKA, YASUHARU, JP
[72] MIYAGI, TAKASHI, JP
[72] OGAWA, MISAO, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2019-06-12
[86] 2017-12-25 (PCT/JP2017/046477)
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[30] JP (2016-251820) 2016-12-26

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[51] **Int.Cl. C22C 38/60 (2006.01) C21D 8/02 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/50 (2006.01)**
[25] EN
[54] **FERRITIC STAINLESS STEEL FOR AUTOMOTIVE EXHAUST SYSTEM WITH IMPROVED HEAT RESISTANCE AND CONDENSATE CORROSION RESISTANCE, AND METHOD FOR MANUFACTURING THE SAME**
[54] **ACIER INOXYDABLE FERRITIQUE DE SYSTEME D'ECHAPPEMENT D'AUTOMOBILE AYANT UNE RESISTANCE A LA CHALEUR ET UNE RESISTANCE A LA CORROSION PAR L'EAU CONDENSEE AMELIOREES, ET SON PROCEDEDE FABRICATION**
[72] KIM, HYUNG JOON, KR
[71] POSCO, KR
[85] 2019-06-12
[86] 2017-11-27 (PCT/KR2017/013589)
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[30] KR (10-2016-0169695) 2016-12-13

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[51] **Int.Cl. B64C 39/02 (2006.01)**
[25] EN
[54] **INSECT ELIMINATION SYSTEM AND USE THEREOF**
[54] **SYSTEME D'ELIMINATION D'INSECTES ET SON UTILISATION**
[72] VAN HECKE, KEVIN GEORGE, NL
[72] TIJMONS, BRAM, NL
[72] TIJMONS, SJOERD, NL
[71] MU-G KNOWLEDGE MANAGEMENT B.V., NL
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[71] IDS INVEST AS, NO
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[54] **ANCRAGE DE PIPELINE SOUS-MARIN**
[72] ELLINGSEN, KJELL EINAR, NO
[72] EIDESEN, BJORGULF HAUKELIDSÆTER, NO
[72] DAHL, KRISTOFFER, NO
[71] EQUINOR ENERGY AS, NO
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[54] **SMALL TRACKED VEHICLE**
[54] **VEHICULE CHENILLE DE PETITES DIMENSIONS**
[72] GNEDOV, MAKSIM VLADIMIROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "SNOUBAJK", RU
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[54] **PROCEDE DE RELAXATION DE MUSCLES SPASMODIQUES**
[72] FESKOV, GENNADY PETROVICH, RU
[72] LITUS, ANNA YURIEVNA, RU
[71] FESKOV, GENNADY PETROVICH, RU
[71] LITUS, ANNA YURIEVNA, RU
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[54] **MATRIX-BASED TECHNIQUES FOR MAPPING RESOURCE ELEMENTS TO PORTS FOR REFERENCE SIGNALS**
[54] **TECHNIQUES BASEES SUR DES MATRICES POUR MAPPER DES ELEMENTS DE RESSOURCE SUR DES PORTS DESTINES A DES SIGNAUX DE REFERENCE**
[72] CEZANNE, JUERGEN, US
[72] RAGHAVAN, VASANTHAN, US
[72] SADIQ, BILAL, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
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[54] **SAFETY NEEDLE DEVICES**
[54] **DISPOSITIFS D'AIGUILLE DE SECURITE**
[72] SANDERS, LAURIE, US
[72] SMITH, PETER, US
[72] BROWKA, EDWARD P., US
[72] NICHOLS, ELI B., US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **COMPOSITIONS AND METHODS FOR MOLECULAR BARCODING OF DNA MOLECULES PRIOR TO MUTATION ENRICHMENT AND/OR MUTATION DETECTION**
[54] **COMPOSITIONS ET PROCEDES POUR LE CODAGE PAR CODE-BARRES MOLECULAIRE DE MOLECULES D'ADN AVANT L'ENRICHISSEMENT DES MUTATIONS ET/OU LA DETECTION DES MUTATIONS**
[72] MAKRIGIORGOS, GERASSIMOS, US
[72] ADALSTEINSSON, VIKTOR A., US
[71] DANA FARBER CANCER INSTITUTE, INC., US
[71] THE BROAD INSTITUTE, US
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[54] **VAPORIZER CARTRIDGE**
[54] **CARTOUCHE DE VAPORISATEUR**
[72] VERLEUR, JAN ANDRIES, US
[72] RECIO, DAN, US
[72] LIU, ZHIYUAN, US
[72] VERLEUR, HANS, US
[71] VMR PRODUCTS LLC, US
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[54] **VAPORIZER**
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[72] RECIO, DAN, US
[72] LIU, ZHIYUAN, US
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[54] **WELLHEAD SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TETE DE PUITS**
[72] NAVAR, JOSE, US
[72] NGUYEN, KYTHU, US
[72] NGUYEN, DENNIS, US
[72] VANDERFORD, DELBERT, US
[72] BUSCH, JASON, US
[72] LIM, HAW KEAT, SG
[71] CAMERON TECHNOLOGIES LIMITED, NL
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[54] **PRODUIT DE REGENERATION DE BIOCARBONE ET/OU SUBSTRAT D'ENGRAIS**
[72] MARYNCAK, MIROSLAV, SK
[72] KRALIK, PETER, SK
[71] ZDROJE ZEME A.S., SK
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[54] **ADAPTATEUR DE FLACON MODULAIRE**
[72] ARIAGNO, SCOTT RICHARD, US
[72] ROUSH, DANIEL EDWARD, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
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[54] **BIOMIMETIC IMPLANTS**
[54] **IMPLANTS BIOMIMETIQUES**
[72] KOFFLER, YACOV, US
[72] CHEN, SHAOCHEN, US
[72] TUSZYNSKI, MARK, US
[72] ZHU, WEI, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **OCULAR DISTRIBUTION AND PHARMACOKINETICS OF LIFITEGRAST FORMULATIONS**
[54] **DISTRIBUTION OCULAIRE ET PHARMACOCINETIQUE DE FORMULATIONS DE LIFITEGRAST**
[72] CHUNG, JOU-KU, US
[72] SPENCER, ELIZABETH, US
[72] HUNT, MATTHEW, US
[72] WELTY, DEVIN, US
[72] MCCAULEY, THOMAS, GB
[71] SARCODE BIOSCIENCE INC., US
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[54] **METHODS AND COMPOSITIONS COMPRISING VIRAL GENE THERAPY AND AN IMMUNE CHECKPOINT INHIBITOR FOR TREATMENT AND PREVENTION OF CANCER AND INFECTIOUS DISEASES**
[54] **METHODES ET COMPOSITIONS COMPRENANT UNE THERAPIE GENIQUE VIRALE ET UN INHIBITEUR DE POINT DE CONTROLE IMMUNITAIRE POUR LE TRAITEMENT ET LA PREVENTION DU CANCER ET DES MALADIES INFECTIEUSES**
[72] SOBOL, ROBERT E., US
[72] MENANDER, KERSTIN B., US
[72] WIEDERHOLD, DORA, US
[72] CHADA, SUNIL, US
[71] MULTIVIR INC., US
[85] 2019-06-12
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[54] **GENOTYPAGE D'ECHANTILLONS DIPLOIDES AVEC UN TRACE DE COUVERTURE DES LECTURES NON EXPLIQUEES**
[72] LI, MING, US
[72] WANG, CHUNLIN, US
[71] SIRONA GENOMICS, INC., US
[85] 2019-06-12
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[54] **CD8A-BINDING FIBRONECTIN TYPE III DOMAINS**
[54] **DOMAINES DE FIBRONECTINE DE TYPE III SE LIANT A CD8A**
[72] HAWKINS, REBECCA, US
[72] JACOBS, STEVEN, US
[72] SEPULVEDA, MANUEL, US
[71] JANSSEN BIOTECH, INC., US
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[54] **CONTROL CHANNEL CODE RATE SELECTION**
[54] **SELECTION DE DEBIT DE CODE DE CANAL DE COMMANDE**
[72] JOHN WILSON, MAKESH PRAVIN, US
[72] LUO, TAO, US
[72] AKKARAKARAN, SONY, US
[72] NAM, WOOSEOK, US
[72] NAGARAJA, SUMEETH, US
[72] YANG, YANG, US
[71] QUALCOMM INCORPORATED, US
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[54] **SMALL MOLECULE INHIBITORS OF THE JAK FAMILY OF KINASES**
[54] **INHIBITEURS A PETITES MOLECULES DE LA FAMILLE JAK DES KINASES**
[72] KOUDRIAKOVA, TATIANA, US
[72] KREUTTER, KEVIN D., US
[72] LEONARD, KRISTI, US
[72] RIZZOLIO, MICHELE C., US
[72] SMITH, RUSSELL C., US
[72] TICHENOR, MARK S., US
[72] WANG, AIHUA, US
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **TECHNIQUES FOR DETERMINING SETTINGS FOR A CONTENT CAPTURE DEVICE**
[54] **TECHNIQUES DE DETERMINATION DE PARAMETRES POUR UN DISPOSITIF DE CAPTURE DE CONTENU**
[72] SMITH, BRIAN KEITH, US
[72] TSUNAEV, ILYA, US
[71] MAGIC LEAP, INC., US
[85] 2019-06-12
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[54] **ORAL IRRIGATOR WITH MAGNETIC ATTACHMENT**
[54] **IRRIGATEUR BUCCAL A FIXATION MAGNETIQUE**
[72] WAGNER, ROBERT, US
[72] MCCLARD, CHRISTINA, US
[71] WATER PIK, INC., US
[85] 2019-06-12
[86] 2017-12-15 (PCT/US2017/066762)
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[54] **BYCYCLIC HETEROARYL DERIVATIVES AS CFTR POTENTIATORS**
[54] **DERIVES D'HETEROARYLE BYCYCLIQUE EN TANT QUE POTENTIALISATEURS DU CFTR**
[72] STROHBACH, JOSEPH WALTER, US
[72] LIMBURG, DAVID CHRISTOPHER, US
[72] MATHIAS, JOHN PAUL, US
[72] THORARENSEN, ATLI, US
[72] MOUSSEAU, JAMES JOHN, US
[72] DENNY, RAJIAH ALDRIN, US
[72] ZAPF, CHRISTOPH WOLFGANG, US
[72] EFREMOV, IVAN VIKTOROVICH, US
[71] CYSTIC FIBROSIS FOUNDATON THERAPEUTICS INC., US
[85] 2019-06-12
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[54] **SYSTEMS AND METHODS FOR ASSEMBLING A WELLHEAD**
[54] **SYSTEMES ET PROCEDES D'ASSEMBLAGE DE TETE DE PUITS**
[72] LEVERT, MICHAEL, US
[72] KREJCI, MICHAEL, US
[72] MINNOCK, KEVIN, US
[72] CHRISTOPHERSON, ADAM, US
[71] CAMERON TECHNOLOGIES LIMITED, NL
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[54] **ELECTRONIC RELEASE TOOL**
[54] **OUTIL A DEGAGEMENT ELECTRONIQUE**
[72] HOLODNAK, JOHN D., US
[72] HOHMANN, GARRETT M., US
[72] ORTIZ, SANTOS D., US
[72] MCBRIDE, GENE, US
[72] RAJARAM, SRIDHAR, US
[72] KING, GEORGE, US
[71] HUNTING TITAN, INC., US
[85] 2019-06-12
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[25] EN
[54] **METHODS AND DEVICES FOR EVALUATING THE CONTENTS OF MATERIALS**
[54] **PROCEDES ET DISPOSITIFS D'EVALUATION DU CONTENU DE MATERIAUX**
[72] SMITH, MICHAEL, US
[71] SMITH, MICHAEL, US
[85] 2019-06-12
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[30] US (62/434,399) 2016-12-14

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[25] EN
[54] **PAUSE VALVE AND SWIVEL ASSEMBLIES FOR ORAL IRRIGATOR HANDLE**
[54] **ENSEMBLES PIVOT ET CLAPET DE PAUSE POUR MANCHE D'IRRIGATEUR BUCCAL**
[72] WAGNER, ROBERT, US
[72] TAYLOR, KURT, US
[72] MCCLARD, CHRISTINA, US
[71] WATER PIK, INC., US
[85] 2019-06-12
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[30] US (62/435,054) 2016-12-15

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[25] EN
[54] **DEPLOYMENT SYSTEMS, TOOLS, AND METHODS FOR DELIVERING AN ANCHORING DEVICE FOR A PROSTHETIC VALVE**
[54] **SYSTEMES DE DEPLOIEMENT, OUTILS, ET PROCEDES D'ADMINISTRATION D'UN DISPOSITIF D'ANCRAGE DESTINES A UNE VALVE PROTHETIQUE**
[72] PATEL, DARSHIN S., US
[72] MANASH, BOAZ, US
[72] TRAN, TRI D., US
[72] WITZMAN, OFIR, US
[72] ROZEN, YOAV, US
[72] SIEGEL, ALEXANDER J., US
[72] TAYLOR, DAVID M., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **INGESTIBLE DEVICE AND ASSOCIATED METHODS**
[54] **DISPOSITIF POUVANT ETRE INGERE ET PROCEDES ASSOCIES**
[72] JONES, RYAN ELLIOTT, TC
[72] TANG, HAMILTON ROGER, US
[72] GERVER, RACHEL ELLEN, US
[72] JONES, MITCHELL LAWRENCE, US
[71] PROGENITY INC., US
[85] 2019-06-12
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[30] US (62/434,797) 2016-12-15
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[25] EN
[54] **THERMOMETRIC METALLURGY MATERIALS**
[54] **MATERIAUX METALLURGIQUES THERMOMETRIQUES**
[72] BEAULIEU, PHILIPPE, GB
[72] CHRISTOPHERSON, DENIS B., JR., US
[72] FARTHING, LESLIE JOHN, GB
[72] SIOUI-LATULIPPE, OLIVIER, CA
[72] L'ESPERANCE, GILLES, CA
[71] TENNECO INC., US
[71] LA CORPORATION DE L'ECOLE POLYTECHNIQUE DE MONTREAL, CA
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[30] US (62/435,280) 2016-12-16
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[25] EN
[54] **LAYERED PARTICLES AND PROCESSES THEREOF**
[54] **PARTICULES STRATIFIEES ET PROCEDES ASSOCIES**
[72] PANAGIOTOU, THOMAI, US
[71] DELPHI SCIENTIFIC, LLC, US
[85] 2019-06-12
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[54] **FLEXIBLE JAWS FOR VERTICAL FILL FORM AND SEAL APPARATUS AND METHODS OF USE**
[54] **MACHOIRES FLEXIBLES POUR FORME DE REMPLISSAGE VERTICALE ET APPAREIL D'ETANCHEITE, ET PROCEDES D'UTILISATION**
[72] BIERSCHENK, PATRICK JOSEPH, US
[72] BRENKUS, FRANK MATHEW, US
[72] GUST, RONALD M., US
[71] FRITO-LAY NORTH AMERICA, INC., US
[71] DOUGLAS MACHINE INC., US
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[54] **A PROCESS AND SYSTEM FOR PRODUCT RECOVERY AND CELL RECYCLE**
[54] **PROCEDE ET SYSTEME DE RECUPERATION DE PRODUIT ET DE RECYCLAGE DE CELLULES**
[72] SECHRIST, PAUL ALVIN, US
[72] BOURDAKOS, NICHOLAS, US
[72] CONRADO, ROBERT JOHN, US
[72] GAO, ALLAN HA, US
[72] BROMLEY, JASON CARL, US
[72] MARTIN, MICHAEL EMERSON, US
[72] MIHALCEA, CHRISTOPHE DANIEL, US
[72] PALOU-RIVERA, IGNASI, US
[72] TIZARD, JOSEPH HENRY, US
[71] LANZATECH, INC., US
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[54] **DISTRIBUTED INDOOR SMART ANTENNA SYSTEM FOR OVER-THE-AIR TELEVISION RECEPTION**
[54] **SYSTEME D'ANTENNE INTELLIGENTE D'INTERIEUR DISTRIBUEE POUR LA RECEPTION DE TELEVISION PAR VOIE HERTZIENNE**
[72] PETRUZZELLI, EDMUND F., US
[71] DISH TECHNOLOGIES L.L.C., US
[85] 2019-06-12
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[54] **COMPOSITIONS AND METHODS FOR REPROGRAMMING SOMATIC CELLS INTO INDUCED VASCULOGENIC CELLS**
[54] **COMPOSITIONS ET PROCEDES POUR LA REPROGRAMMATION DE CELLULES SOMATIQUES EN CELLULES VASCULOGENIQUES INDUITES**
[72] SEN, CHANDAN, US
[72] LEE, LY JAMES, US
[72] GALLEGO-PEREZ, DANIEL, US
[72] PAL, DURBA, IN
[72] GHATAK, SUBHADIP, US
[71] OHIO STATE INNOVATION FOUNDATION, US
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[54] **A SYSTEM AND METHOD FOR SELECTING A PATIENT POPULATION FOR SPINAL REPAIR USING A MEASURABLE OUTCOME PREDICTIVE METRIC OF THE SPINE**
[54] **SYSTEME ET PROCEDE DE SELECTION D'UNE POPULATION DE PATIENTS EN VUE D'UNE REPARATION DE LA COLONNE VERTEBRALE A L'AIDE D'UNE MESURE PREDICTIVE DE RESULTAT MESURABLE DE LA COLONNEVERTEBRALE**
[72] HIPP, JOHN A., US
[71] MEDICAL METRICS, INC., US
[85] 2019-06-12
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[54] **MULTISTAGE RESID HYDROCRACKING**
[54] **HYDROCRAQUAGE MULTIETAGE DE RESIDUS**
[72] MUKHERJEE, UJJAL K., US
[72] GREENE, MARVIN I., US
[72] BALDASSARI, MARIO C., US
[71] LUMMUS TECHNOLOGY LLC, US
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[54] **DEVICES, SYSTEMS, AND METHODS FOR PROVIDING AND USING ONE OR MORE VALVES IN AN ASSEMBLY LINE GROW POD**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR FOURNIR ET UTILISER UNE OU PLUSIEURS VANNES DANS UN MODULE DE CULTURE DE CHAINE DE PRODUCTION**
[72] MILLAR, GARY BRET, US
[71] GROW SOLUTIONS TECH LLC, US
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[54] **COMPOSITIONS AND METHODS FOR INHIBITING ARGINASE ACTIVITY**
[54] **COMPOSITIONS ET PROCEDES POUR INHIBER L'ACTIVITE DE L'ARGINASE**
[72] SJOGREN, ERIC B., US
[72] LI, JIM, US
[72] CHEN, LIJING, US
[72] BILLEDEAU, ROLAND J., US
[72] STANTON, TIMOTHY F., US
[72] VAN ZANDT, MICHAEL, US
[72] WHITEHOUSE, DARREN, US
[72] JAGDMANN, GUNNAR E., JR., US
[72] PETERSEN, LENE RAUNKJÆR, DK
[72] PARLATI, FRANCESCO, US
[72] GROSS, MATTHEW I., US
[71] CALITHERA BIOSCIENCES, INC., US
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[87] (WO2018/119440)
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[54] **METHOD AND SYSTEM FOR ASSESSING LARYNGEAL AND VAGUS NERVE INTEGRITY IN PATIENTS UNDER GENERAL ANESTHESIA**
[54] **PROCEDE ET SYSTEME D'EVALUATION DE L'INTEGRITE DU NERF LARYNGE ET DU NERF VAGUE CHEZ DES PATIENTS SOUS ANESTHESIE GENERALE**
[72] SINCLAIR, CATHERINE F., US
[72] ULKATAN, SEDAT, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[54] **HOLOGRAPHIC IMAGE APPARATUS FOR HIGH DEPTH OF FIELD HOLOGRAMS**
[54] **APPAREIL D'IMAGE HOLOGRAPHIQUE POUR HOLOGRAMMES A GRANDE PROFONDEUR DE CHAMP**
[72] HOLSTINE, DANIELLE, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **KICKER AND TRANSFER ASSEMBLY FOR A TUBULAR HANDLING SYSTEM**
[54] **EJECTEUR ET ENSEMBLE DE TRANSFERT POUR SYSTEME DE MANIPULATION D'ELEMENT TUBULAIRE**
[72] GUERRA, GERARDO, US
[71] FORUM US, INC., US
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[25] EN
[54] **CONTROL ROD DAMPING SYSTEM**
[54] **SYSTEME D'AMORTISSEMENT DE TIGE DE COMMANDE**
[72] SNUGGERUD, ROSS DOUGLAS, US
[71] NUSCALE POWER, LLC, US
[85] 2019-06-12
[86] 2017-12-29 (PCT/US2017/068937)
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[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC NETWORK FUNCTION VIRTUALIZATION PROCESSING**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE VIRTUALISATION DE FONCTION DE RESEAU DYNAMIQUE**
[72] KOAT, PETER, CA
[72] BUSCH, CHRISTOPHER, CA
[71] INCOGNITO SOFTWARE SYSTEMS INC., CA
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[54] **CONTROL ROD DRIVE MECHANISM (CRDM) WITH REMOTE DISCONNECT MECHANISM**
[54] **MECANISME D'ENTRAINEMENT DES BARRES DE COMMANDE (CRDM) DOTE D'UN MECANISME DE LIBERATION A DISTANCE**
[72] LOBSCHEID, CHRISTIAN, US
[71] NUSCALE POWER, LLC, US
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[25] EN
[54] **HEPARANASE INHIBITORS AND USE THEREOF**
[54] **INHIBITEURS D'HEPARANASE ET LEUR UTILISATION**
[72] NELMS, KEATS, AU
[72] SCHWARTZ, BRETT, AU
[72] JACKSON, COLIN, AU
[72] BANWELL, MARTIN, AU
[72] HAMMOND, EDWARD, AU
[71] BETA THERAPEUTICS PTY LTD, AU
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[25] EN
[54] **LITHIUM METAL BATTERY CONTAINING ELECTROLYTE GRAFTED WITH IMMOBILIZED ANIONS**
[54] **BATTERIE AU METAL LITHIUM CONTENANT UN ELECTROLYTE GREFFE AU MOYEN D'ANIONS IMMOBILISES**
[72] LEBLANC, PATRICK, CA
[72] COTTON, FREDERIC, CA
[72] VALLEE, ALAN, CA
[72] REBOUL-SALZE, CEDRIC, CA
[71] BLUE SOLUTIONS CANADA INC., CA
[85] 2019-06-13
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[51] **Int.Cl. A61K 31/4375 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS, AND METHODS FOR TREATING HUMAN IMMUNODEFICIENCY VIRUS**
[54] **COMPOSES, COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE**
[72] SMITH, HAROLD C., US
[72] BENNETT, RYAN P., US
[71] OYAGEN, INC., US
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[51] **Int.Cl. F04D 13/10 (2006.01) F04D 1/06 (2006.01) F04D 29/44 (2006.01) F04D 29/60 (2006.01)**
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[54] **DIFFUSER ANTI-ROTATION SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL ANTI-ROTATION DE DIFFUSEUR**
[72] WEBSTER, JOSHUA WAYNE, US
[72] NOWITZKI, WESLEY JOHN, US
[72] ROBERTS, RANDY S., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-06-12
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[51] **Int.Cl. A22B 3/02 (2006.01) A61K 31/433 (2006.01) C07D 235/30 (2006.01)**
[25] EN
[54] **COMPOUNDS USEFUL AS INHIBITORS OF INDOLEAMINE 2,3-DIOXYGENASE AND/OR TRYPTOPHAN DIOXYGENASE**
[54] **NOUVEAUX COMPOSES UTILES EN TANT QU'INHIBTEURS DE L'INDOLEAMINE 2,3-DIOXYGENASE ET/OU DU TRYPTOPHANE DIOXYGENASE**
[72] LEWIS, RICHARD T., US
[72] HAMILTON, MATTHEW, US
[72] JONES, PHILIP, US
[72] PETROCCHI, ALESSIA, US
[72] REYNA, NAPHTALI, US
[72] CROSS, JASON, US
[72] HAN, MICHELE, US
[72] SOTH, MICHAEL, US
[72] MCAFOOS, TIMOTHY, US
[72] TREMBLAY, MARTIN, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **FIRST RESPONSE LOCATOR SYSTEM**
[54] **SYSTEME DE LOCALISATION DE PREMIERE INTERVENTION**
[72] BAULDREE, KENNETH, US
[72] GLYNN, ANGELA, US
[71] FIRST RESPONSE LOCATOR SYSTEMS OF AMERICA, LLC, US
[85] 2019-06-12
[86] 2018-02-09 (PCT/US2018/017661)
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[51] **Int.Cl. G06Q 10/08 (2012.01)**
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[54] **SYSTEMS AND METHODS FOR ASSESSING DELIVERY VEHICLES**
[54] **SYSTEMES ET PROCEDES D'EVALUATION DE VEHICULES DE LIVRAISON**
[72] WILKINSON, BRUCE W., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-12
[86] 2017-12-15 (PCT/US2017/066593)
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[51] **Int.Cl. B23K 26/36 (2014.01) B23K 26/0622 (2014.01) B23K 26/082 (2014.01) B33Y 80/00 (2015.01) B29D 11/00 (2006.01) G02B 1/04 (2006.01) B22F 3/105 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURE OF A TRANSMISSIVE OPTICAL SYSTEM**
[54] **PROCEDE DE FABRICATION D'UNE OPTIQUE A TRANSMISSION**
[72] VON WALLFELD, AXEL, DE
[72] POPRAWE, REINHART, DE
[72] FORNAROLI, CHRISTIAN, DE
[72] WILLENBORG, EDGAR, DE
[72] WEINGARTEN, CHRISTIAN, DE
[72] CLASEN, UWE, DE
[71] AIXLENS GMBH, DE
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[30] DE (10 2016 014 747.4) 2016-12-13
[30] DE (10 2017 002 986.5) 2017-03-28

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[51] **Int.Cl. G06F 21/51 (2013.01) G06F 21/54 (2013.01) G06F 21/64 (2013.01)**
[25] EN
[54] **SOFTWARE INTEGRITY VERIFICATION**
[54] **VERIFICATION D'INTEGRITE DE LOGICIEL**
[72] GU, YUAN XIANG, CA
[72] JOHNSON, HAROLD, CA
[71] IRDETO B.V., NL
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[51] **Int.Cl. A61K 47/64 (2017.01) A61P 21/00 (2006.01)**
[25] EN
[54] **EXON SKIPPING OLIGOMER CONJUGATES FOR MUSCULAR DYSTROPHY**
[54] **CONJUGUES OLIGOMERES DE SAUTS D'EXONS POUR LA DYSTROPHIE MUSCULAIRE**
[72] PASSINI, MARCO A., US
[72] HANSON, GUNNAR J., US
[71] SAREPTA THERAPEUTICS, INC., US
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[30] US (62/436,223) 2016-12-19
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[54] **TARGETED GENE DEMETHYLATION IN PLANTS**
[54] **DEMETHYLATION CIBLEE DE GENES DANS DES PLANTES**
[72] JACOBSEN, STEVE E., US
[72] GALLEGO-BARTOLOME, JAVIER, US
[72] PAPIKIAN, ASHOT, US
[72] GARDINER, JASON, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[30] US (62/450,929) 2017-01-26
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[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/10 (2006.01)**
[25] EN
[54] **PANELS, MOUNTING CLAMPS AND WALL OR CEILING COVERING FOR A 3-DIMENSIONAL PATTERN OF WALL- AND CEILING PANELS**
[54] **PANNEAUX, BRIDES DE MONTAGE ET REVETEMENT MURAL OU DE PLAFOND POUR UN MOTIF TRIDIMENSIONNEL DE PANNEAUX DE MUR ET DE PLAFOND**
[72] FAHLE, DANIEL, DE
[71] XYLO TECHNOLOGIES AG, CH
[85] 2019-06-13
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[51] **Int.Cl. G06T 15/10 (2011.01) G06T 7/70 (2017.01) G06T 7/60 (2017.01)**
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[54] **LOCALIZATION DETERMINATION FOR MIXED REALITY SYSTEMS**
[54] **DETERMINATION DE LOCALISATION POUR SYSTEMES DE REALITE MIXTE**
[72] REINHARDT, BENJAMIN ZAARON, US
[72] KHO, SAMUEL PHOA, US
[71] MAGIC LEAP, INC., US
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[30] US (62/449,512) 2017-01-23

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[54] **IMPROVED METHOD FOR REGULATING A SUPPLY CIRCUIT**
[54] **PROCEDE AMELIORE DE REGULATION D'UN CIRCUIT D'ALIMENTATION**
[72] TOMOV, PETAR, FR
[72] VERTENOEUIL, PHILIPPE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/08 (2012.01)**
[25] EN
[54] **COLLABORATION SYSTEM FOR CONSTRUCTION MANAGEMENT UTILIZING SHARED COMPUTING PLATFORMS**
[54] **SYSTEME DE COLLABORATION POUR LA GESTION DE CONSTRUCTION UTILISANT DES PLATES-FORMES INFORMATIQUES PARTAGEES**
[72] SAMSON, KARINE, CA
[71] OE CONSTRUCTION SOLUTIONS INC. (DOING BUSINESS AS OPTIMAL EFFICIENCY), CA
[85] 2019-06-13
[86] 2017-12-13 (PCT/CA2017/051511)
[87] (WO2018/107290)
[30] US (62/433,596) 2016-12-13

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[51] **Int.Cl. H05H 6/00 (2006.01)**
[25] FR
[54] **GAS TARGETING SYSTEM FOR PRODUCING RADIOISOTOPES**
[54] **SYSTEME DE CIBLERIE A GAZ POUR PRODUCTION DE RADIO-ISOTOPES**
[72] CAMPANELLA, THOMAS, FR
[72] PEREZ DELAUME, ALAIN, FR
[71] P M B, FR
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[54] **SYSTEME ET PROCEDE D'ATTENUATION DE RISQUES SISMIQUES DANS DES STRUCTURES DE BATIMENT**
[72] GUO, WEN WEI JACK, CA
[72] MONTGOMERY, MICHAEL STEWART, CA
[72] CHRISTOPOULOS, CONSTANTIN, CA
[72] PANT, DEEPAK RAJ, CA
[71] KINETICA DYNAMICS INC., CA
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[54] **KNITTING NEEDLE IN PARTICULAR FOR PRODUCING KNITWEAR WITH CABLE PATTERNS, AND METHOD FOR PRODUCING THE KNITTING NEEDLE**
[54] **AIGUILLE A TRICOTER, NOTAMMENT DESTINEE A DES TRICOTS AYANT UN MOTIF DE TRESSES, ET PROCEDE DE FABRICATION D'UNE AIGUILLE A TRICOTER**
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[71] WILLIAM PRYM GMBH & CO. KG, DE
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[54] **METHOD AND SYSTEM FOR CREATING A CUSTOMIZABLE DENTAL CHART**
[54] **PROCEDE ET SYSTEME DE CREATION D'UNE FICHE DE TRAITEMENT DENTAIRE PERSONNALISABLE**
[72] LAMARRE, MARC JOSEPH RENE, CA
[72] EMBERLEY, SEAN, CA
[72] PLANAS, MIGUEL ALBERTO, CA
[71] WINTERRA GLOBAL TECHNOLOGIES INC., CA
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[54] **ARCHITECTURE DE SUPPORT DE REFROIDISSEUR DE PILE**
[72] BURGERS, JOHNY G., CA
[72] RAHIM, NOMAN, CA
[71] DANA CANADA CORPORATION, CA
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[54] **MAGNETIC POSITIONING SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT MAGNETIQUE**
[72] ROPER, MICHAEL JAMES, CA
[72] KWASNIOK, PETER, CA
[72] RALCHENKO, MAXIM, CA
[71] VITAL ALERT COMMUNICATION INC., CA
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[54] **A METHOD FOR OPERATING A DRINKS PREPARATION MACHINE, DRINKS PREPARATION MACHINE AND METHOD FOR OPERATING AN OPERATING DEVICE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE MACHINE DE PREPARATION DE BOISSONS, MACHINE DE PREPARATION DE BOISSONS ET PROCEDE POUR FAIRE FONCTIONNER UN APPAREIL DE COMMANDE**
[72] HARTMANN, DOREEN, DE
[72] LEE, HOSUN, DE
[71] TCHIBO GMBH, DE
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[54] **SYSTEM AND METHOD FOR MONITORING BLADE DEFLECTION OF WIND TURBINES**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE LA DEVIATION DES PALES D'EOLIENNES**
[72] DAVID, VINCENT, CA
[72] CANTIN, DANIEL, CA
[72] GUILLEMETTE, ROBERT, CA
[72] CLOUTIER, JONATHAN, CA
[71] INNERGEX ENERGIE RENOUVELABLE INC., CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **METHOD FOR PRODUCING FUNCTIONAL WATER SOLUBLE FOILS**
[54] **PROCEDE POUR LA FABRICATION DE FEUILLES FONCTIONNELLES SOLUBLES DANS L'EAU**
[72] FUCHS, YANNICK, DE
[72] DETERING, JUERGEN, DE
[72] MEISE, MARKUS, DE
[72] WITTELER, HELMUT, DE
[72] SCHMIDT-HANSBERG, BENJAMIN, DE
[72] ESPER, CLAUDIA, DE
[72] SCHMITT, MARCEL, CN
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[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER BY INHIBITING PIWIL4**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU CANCER PAR INHIBITION DE PIWIL4**
[72] LIN, HAIFAN, US
[72] WANG, ZIFENG, CN
[72] LIU, SANHONG, CN
[72] SHI, SHUO, CN
[71] SHANGHAITECH UNIVERSITY, CN
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[54] **PROTECTION D'HUILE POUR PANIER A FRITURE**
[72] MILLIKIN, RORY CHESLEY PATRICK, CA
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[54] **MICROBIOTA COMPOSITION, AS A MARKER OF RESPONSIVENESS TO ANTI-PD1/PD-L1/PD-L2 ANTIBODIES AND USE OF MICROBIAL MODULATORS FOR IMPROVING THE EFFICACY OF AN ANTI-PD1/PD-L1/PD-L2 AB-BASED TREATMENT**
[54] **COMPOSITION DE MICROBIOTE, A TITRE DE MARQUEUR DE REACTIVITE A DES ANTICORPS ANTI-PD1/PD-L1/PD-L2 ET UTILISATION DE MODULATEURS MICROBIENS POUR AMELIORER L'EFFICACITE D'UN TRAITEMENT A BASE D'ANTICORPS ANTI-PD1/PD-L1/PD-L2**
[72] ZITVOGEL, LAURENCE, FR
[72] ROUTY, BERTRAND, FR
[72] LE CHATELIER, EMMANUELLE, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE - INSERM, FR
[71] UNIVERSITE PARIS-SUD, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE - INRA, FR
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[54] **OPEN-CLOSE HANDHELD APPARATUS AND METHOD OF ADJUSTMENT OF ANGLE BETWEEN HANDHELD PORTIONS THEREOF**
[54] **DISPOSITIF PORTATIF DE TYPE A OUVERTURE ET FERMETURE ET PROCEDE DE REGLAGE D'ANGLE POUR UNE PARTIE PORTATIVE DE CELUI-CI**
[72] WANG, MIN, CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
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[54] **PRINCIPE ACTIF A BASE D'HYDROXYDE DE CALCIUM, EXEMPT DE METAUX LOURDS**
[72] STARK, WENDELIN JAN, CH
[71] KALKFABRIK NETSTAL AG, CH
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[54] **REACTIONS D'AMPLIFICATION MULTIPLEX ET MULTI-ETAPES MODIFIEES ET REACTIFS ASSOCIES**
[72] DEL FAVERO, JURGEN PETER LODE, BE
[72] HEYRMAN, LIEN, BE
[72] TEGENBOS, BART, BE
[72] GOOSSENS, DIRK, BE
[72] DE SCHRIJVER, JOACHIM, BE
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[54] **LIPIDE CATIONIQUE IONISABLE DESTINE A L'ABSORPTION D'ARN**
[72] PAYNE, JOSEPH E., US
[72] CHIVUKULA, PADMANABH, US
[72] KARMALI, PRIYA, US
[72] TANIS, STEVEN P., US
[71] ARCTURUS THERAPEUTICS, INC., US
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[54] **MODIFICATION OU RENFORCEMENT DU GOUT DE PRODUITS ALIMENTAIRES OU DE BOISSONS**
[72] FLETCHER, JOSHUA NEHEMIAH, US
[72] SMYTHE, JOHN, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
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[54] **SUPPORT EN COUCHES**
[72] CARELS, PATRICK, BE
[71] CDM NV, BE
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[54] **SESSION MANAGEMENT METHOD AND SYSTEM, AND TERMINAL**
[54] **PROCEDE, TERMINAL ET SYSTEME DE GESTION DE SESSION**
[72] DOU, FENGHUI, CN
[72] HE, YUE, CN
[72] JIN, HUI, CN
[72] OUYANG, GUOWEI, CN
[72] YANG, HAORUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **A GAS CYLINDER MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DE BOUTEILLE DE GAZ**
[72] PEREZ DE ALEJO, RIGOBERTO, GB
[72] REID, DENNIS, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **DRIVING APPARATUS AND FASTENING ELEMENT STRIP**
[54] **DISPOSITIF D'ENFONCEMENT ET BANDE D'ELEMENTS DE FIXATION**
[72] MIESCHER, STEFAN, LI
[72] MERIKOSKI, MIKKO, FI
[71] HILTI AKTIENGESELLSCHAFT, LI
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[25] EN
[54] **ROLLED PIPE THREAD PROCESSING METHOD, ROLLING HEAD, APPARATUS, MODULE, PRODUCTION LINE, AND PRODUCT THEREOF**
[54] **PROCEDE DE TRAITEMENT DE FILETAGE DE TUYAU ROULE, TETE DE ROULAGE, APPAREIL, MODULE, LIGNE DE PRODUCTION ET PRODUIT ASSOCIE**
[72] ZHOU, JUN, CN
[72] ZHANG, YONGLIANG, CN
[72] YANG, JIANMING, CN
[72] YANG, MINJUN, CN
[71] SHANGHAI PAN-CHINA FASTENING SYSTEMS CO., LTD., CN
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[54] **ANTIMICROBIAL PEPTIDES**
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[72] HENNINOT, ANTOINE, US
[72] CARNEY, DANIEL WILLIAM, US
[71] FERRING B.V., NL
[85] 2019-06-13
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[54] **ANTIBACTERIAL METHOD**
[54] **PROCEDE ANTIBACTERIEN**
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[72] OVCHINNIKOV, KIRILL V., NO
[72] KRISTIANSEN, PER E., NO
[72] NES, INGOLF F., NO
[72] THORSTENSEN, TAGE, NO
[71] NORWEGIAN UNIVERSITY OF LIFE SCIENCES, NO
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[54] **SHALE SHAKER BASKET SYSTEM**
[54] **SYSTEME DE PANIER DE TAMIS VIBRANT**
[72] BAILEY, MARSHALL GRAHAM, AE
[71] AXIOM PROCESS LIMITED, GB
[85] 2019-06-13
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[25] EN
[54] **METHOD AND APPARATUS FOR RECYCLING PACKAGING MATERIAL**
[54] **PROCEDE ET APPAREIL POUR LE RECYCLAGE DE MATERIAU D'EMBALLAGE**
[72] LOVIS, FLORIAN, DE
[72] SCHULZE, MARCUS, DE
[71] SAPERATEC GMBH, DE
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[54] **ANTICORPS ANTI-PCSK9 ET SON APPLICATION**
[72] TSUN, ANDY, CN
[72] KRAULAND, ERIC, CN
[72] BELK, JONATHAN P., CN
[72] MIAO, XIAONIU, CN
[72] ZHANG, MIN, CN
[72] BOLAND, NADTHAKARN, CN
[72] LIU, XIAOLIN, CN
[72] YU, DECHAO, CN
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[72] JONES, IAN KEVIN, GB
[72] HONE, JOHN, GB
[72] GEORGE, NEIL, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
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[30] GB (1622006.3) 2016-12-22
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[25] EN
[54] **SEPARATION OF RARE EARTH METALS**
[54] **SEPARATION DE METAUX DES TERRES RARES**
[72] NOCKEMANN, PETER, GB
[72] RITESH, RUHELA, GB
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB
[85] 2019-06-13
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[51] **Int.Cl. A01D 91/02 (2006.01) A01D 33/00 (2006.01)**
[25] EN
[54] **A CROP MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE RECOLTES**
[72] GURURAJAN, VIDYANATH, GB
[72] WRIGHT, ALISON, GB
[72] HANSEN, MARK, GB
[72] HALES, IAN, GB
[72] SMITH, MELVYN, GB
[72] SMITH, LYNDON, GB
[72] SAMWORTH, DAVE, GB
[72] GREENWOOD, LUKE, GB
[71] BRANSTON LIMITED, GB
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[72] GEORGE, NEIL, GB
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[54] **EXTRAITS DE GERMES DE MALT ET LEURS UTILISATIONS**
[72] FALLOURD, MARIE-JANE, FR
[72] CHAFIL, SIHAME, FR
[72] BARET, JEAN-LUC, FR
[71] MALTEUROP GROUPE, FR
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[25] EN
[54] **METHOD FOR OPERATING A DRINKS PREPARATION MACHINE, DRINKS PREPARATION MACHINE AND METHOD FOR OPERATING AN OPERATING APPLIANCE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE MACHINE DE PREPARATION DE BOISSONS, MACHINE DE PREPARATION DE BOISSONS ET PROGRAMME INFORMATIQUE**
[72] HARTMANN, DOREEN, DE
[72] LEE, HOSUN, DE
[72] FRANKE, DOMINIK, CH
[71] TCHIBO GMBH, DE
[85] 2019-06-13
[86] 2017-12-19 (PCT/EP2017/083619)
[87] (WO2018/114996)
[30] EP (16206678.1) 2016-12-23

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[51] **Int.Cl. E06B 9/68 (2006.01) E06B 9/13 (2006.01) E06B 9/15 (2006.01) E06B 9/84 (2006.01)**
[25] EN
[54] **GATE WITH A CRASH-DOWN PREVENTION MECHANISM AND METHOD FOR TRIGGERING THE CRASH-DOWN PREVENTION MECHANISM**
[54] **PORTE A SECURITE ANTICHUTE ET PROCEDE POUR DECLENCHER LA SECURITE ANTICHUTE**
[72] REJC, GABRIJEL, DE
[71] GABRIJEL REJC GMBH & CO. KG, DE
[85] 2019-06-13
[86] 2017-12-15 (PCT/EP2017/083109)
[87] (WO2018/109191)
[30] DE (10 2016 225 079.5) 2016-12-15

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[51] **Int.Cl. A01J 5/01 (2006.01) A01J 5/013 (2006.01)**
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[54] **MILKING SYSTEM**
[54] **SYSTEME DE TRAITE**
[72] MOSTERT, GERARD, NL
[72] VAN HALSEMA, FRANS EMO DIDERIK, NL
[72] STEENBERGEN, RIK, NL
[71] LELY PATENT N.V., NL
[85] 2019-06-13
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[30] NL (2017994) 2016-12-14

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[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/44 (2006.01) A47J 31/60 (2006.01)**
[25] EN
[54] **DRAINAGE CONNECTOR UNIT AND ASSEMBLY FOR THE DRAINAGE OF LIQUID WASTE OF BEVERAGE DISPENSING DEVICES**
[54] **UNITE DE RACCORD DE VIDANGE ET ENSEMBLE POUR LA VIDANGE DE DECHETS LIQUIDES DE DISPOSITIFS DE DISTRIBUTION DE BOISSON**
[72] ZANDVLIET, NICOLAAS WILHELMUS, NL
[72] STANDAAR, KOEN, NL
[72] DEES, HENDRIK JOHAN, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2019-06-13
[86] 2017-12-19 (PCT/NL2017/050850)
[87] (WO2018/117824)
[30] NL (2018027) 2016-12-20

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **NOVEL TNFR AGONISTS AND USES THEREOF**
[54] **NOUVEAUX AGONISTES DE TNFR ET LEURS UTILISATIONS**
[72] BLEIN, STANISLAS, CH
[72] ROUSSEAU, FRANCOIS, CH
[72] LISSILAA, RAMI, CH
[72] BACK, JONATHAN, CH
[72] MACOIN, JULIE, CH
[72] STUTZ, CIAN, CH
[71] GLENMARK PHARMACEUTICALS S.A., CH
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[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS OF DETERMINING COLORECTAL CANCER STATUS IN AN INDIVIDUAL**
[54] **METHODES DE DETERMINATION DE L'ETAT D'UN CANCER COLORECTAL CHEZ UN INDIVIDU**
[72] O'TOOLE, PAUL, IE
[72] FLEMER, BURKHARDT, IE
[72] SHANAHAN, FERGUS, IE
[72] JEFFERY, IAN, IE
[72] CISEK, KATRYNA, IE
[71] UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK, IE
[85] 2019-06-13
[86] 2017-12-15 (PCT/EP2017/083176)
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[30] EP (16204532.2) 2016-12-15

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[51] **Int.Cl. F04D 29/24 (2006.01) F04D 7/04 (2006.01) F04D 29/22 (2006.01)**
[25] EN
[54] **IMPELLER WITH ROTOR BLADES FOR CENTRIFUGAL PUMP**
[54] **ROUE AVEC AUBES DE ROTOR POUR POMPE CENTRIFUGE**
[72] MUNTS, EDWIN ALBERT, NL
[72] BUGDAYCI, HASAN HUSEYIN, NL
[71] IHC HOLLAND IE B.V., NL
[85] 2019-06-13
[86] 2017-12-21 (PCT/NL2017/050868)
[87] (WO2018/117837)
[30] NL (2018044) 2016-12-22

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[51] **Int.Cl. E21B 37/00 (2006.01) E21B 27/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CLEANING A PRODUCTION TUBING**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE D'UN TUBE DE PRODUCTION**
[72] HAUGLAND, LASSE, NO
[71] ALTUS INTERVENTION (TECHNOLOGIES) AS, NO
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[25] EN
[54] **METHODS AND SYSTEMS FOR HANDLING FRESH CONCRETE**
[54] **PROCEDES ET SYSTEMES DE MANIPULATION DE BETON FRAIS**
[72] BEAUPRE, DENIS, CA
[71] COMMAND ALKON INCORPORATED, US
[85] 2019-06-13
[86] 2017-12-20 (PCT/EP2017/083937)
[87] (WO2018/115192)
[30] US (62/437,754) 2016-12-22

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[51] **Int.Cl. G01V 1/52 (2006.01) E21B 47/00 (2012.01) G01H 9/00 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **GAUGE LENGTH EFFECT AND GAUGE LENGTH CONVERSION**
[54] **EFFET DE LONGUEUR ENTRE REPERES ET CONVERSION DE LONGUEUR ENTRE REPERES**
[72] WU, XIANG, SG
[72] WILLIS, MARK ELLIOTT, US
[72] BARFOOT, DAVID ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-06-13
[86] 2017-01-18 (PCT/US2017/013958)
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[51] **Int.Cl. C05F 11/08 (2006.01) C05G 1/00 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR IMPROVING PLANT GROWTH**
[54] **PROCEDE ET COMPOSITION POUR AMELIORER LA CROISSANCE DES PLANTES**
[72] COR, OLIVIER, FR
[72] SANCHEZ, JEAN-MARC, FR
[72] DELAUNOIS, BERTRAND, FR
[71] DANSTAR FERMENT AG, CH
[85] 2019-06-13
[86] 2017-12-18 (PCT/EP2017/083314)
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[30] EP (16204921.7) 2016-12-19

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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/09 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **GAP SUB IMPEDANCE CONTROL**
[54] **COMMANDE D'IMPEDANCE DE SOUS-ECHANTILLON**
[72] LING CHANG, PAUL CHIN, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-06-13
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[25] EN
[54] **TREATING PATIENTS WITH TTFIELDS WITH THE ELECTRODE POSITIONS OPTIMIZED USING DEFORMABLE TEMPLATES**
[54] **TRAITEMENT DE PATIENTS PRESENTANT DES CHAMPS TT AVEC LES POSITIONS D'ELECTRODES OPTIMISEES A L'AIDE DE REFERENCES DEFORMABLES**
[72] BOMZON, ZEEV, IL
[72] URMAN, NOA, IL
[71] BOMZON, ZEEV, IL
[85] 2019-06-13
[86] 2017-12-13 (PCT/IB2017/057901)
[87] (WO2018/109691)
[30] US (62/433,501) 2016-12-13

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[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 99/00 (2006.01)**
[25] EN
[54] **HIGHLY SCALABLE EVENT BROKERING AND AUDIT TRACEABILITY SYSTEM**
[54] **COURTAGE D'EVENEMENT HAUTEMENT EVOLUTIF ET SYSTEME DE TRACABILITE D'AUDIT**
[72] COCHRAN, STEVE, US
[72] EL-SEBAALY, HATEM, US
[72] WILSON, GREG, US
[72] KNUTH, PAUL, US
[72] MALONEY, CHAD, US
[71] GLOBAL HEALTHCARE EXCHANGE, LLC, US
[85] 2019-06-13
[86] 2017-10-11 (PCT/US2017/056208)
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[30] US (15/377,798) 2016-12-13

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIGEN BINDING MOLECULES COMPRISING ANTI-4-1BB CLONE 20H4.9**
[54] **MOLECULES BISPECIFIQUES DE LIAISON A L'ANTIGENE COMPRENANT UN CLONE 20H4.9 ANTI-4-1BB**
[72] FERRARA KOLLER, CLAUDIA, CH
[72] CLAUS, CHRISTINA, CH
[72] KLEIN, CHRISTIAN, CH
[72] UMANA, PABLO, CH
[72] XU, WEI, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2019-06-13
[86] 2018-01-02 (PCT/EP2018/050024)
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[25] EN
[54] **MULTI-FACTOR ROUTING SYSTEM FOR EXCHANGING BUSINESS TRANSACTIONS**
[54] **SYSTEME DE ROUTAGE A FACTEURS MULTIPLES POUR ECHANGER DES TRANSACTIONS COMMERCIALES**
[72] COCHRAN, STEVE, US
[72] EL-SEBAALY, HATEM, US
[72] DE CALIGNON MARTIN, BRAURE, US
[72] SCHANKER, DAVE, US
[72] LI, HESHENG, US
[71] GLOBAL HEALTHCARE EXCHANGE, LLC, US
[85] 2019-06-13
[86] 2017-10-11 (PCT/US2017/056214)
[87] (WO2018/111392)
[30] US (15/377,827) 2016-12-13

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[51] **Int.Cl. A01N 25/30 (2006.01) A01C 1/08 (2006.01) A01G 7/06 (2006.01) A01N 25/12 (2006.01) A01N 25/14 (2006.01) A01N 43/56 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **PESTICIDAL SOLID COMPOSITION CONTAINING CYCLANILIPROLE OR ITS SALT**
[54] **COMPOSITION SOLIDE DE LUTTE CONTRE DES NUISIBLES COMPRENANT DU CYCLANILIPROLE OU UN SEL DE CELUI-CI**
[72] SANO, MITSUO, JP
[72] TAKEDA, CHIAKI, JP
[72] OKADA, TAKASHI, JP
[72] HAMAMOTO, TAKU, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2019-06-13
[86] 2017-12-25 (PCT/JP2017/046435)
[87] (WO2018/123971)
[30] JP (2016-253792) 2016-12-27

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[13] A1
[51] **Int.Cl. G01R 21/133 (2006.01) G01R 31/34 (2006.01) G06F 15/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN LOW FREQUENCY ENERGY DISAGGREGATION TECHNIQUES**
[54] **AMELIORATIONS APPORTEES A DES TECHNIQUES DE DESAGREGATION D'ENERGIE BASSE FREQUENCE**
[72] SHYR, ALEX, US
[72] GARUD, VIVEK, US
[72] SHARAN, MAYANK, US
[72] GUPTA, ABHAY, US
[72] PAREKH, PRATIK, US
[72] AGGARWAL, ROHIT, US
[71] BIDGELY INC., US
[85] 2019-06-13
[86] 2017-12-27 (PCT/IB2017/058441)
[87] (WO2018/109754)
[30] US (62/434,992) 2016-12-15

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[51] **Int.Cl. A01H 5/00 (2018.01) C07K 14/415 (2006.01) C12N 15/19 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS OF INCREASING SPECIFIC PLANTS TRAITS BY OVER-EXPRESSING POLYPEPTIDES IN A PLANT**
[54] **PROCEDES D'AUGMENTATION DE CARACTERISTIQUES DE PLANTES SPECIFIQUES PAR SUREXPRESSION DE POLYPEPTIDES DANS UNE PLANTE**
[72] RIMON KNOPF, RONIT, IL
[72] BROG, YAACOV MICHA, IL
[72] DANGOOR, INBAL NURITH, IL
[72] DAYAN-GLICK, CATHY, IL
[72] GOREN, SHLOMO ZEV, IL
[72] MATARASSO, NOA, IL
[72] VAN-OSS PINHASI, RUTH, IL
[72] PORATY-GAVRA, LIMOR, IL
[72] SHORESH, MICHAL, IL
[72] WEISSHAUS, OORI, IL
[72] GALON WOLFENSON, YAEL, IL
[72] KARCHI, HAGAI, IL
[71] EVOGENE LTD., IL
[85] 2019-06-13
[86] 2017-12-19 (PCT/IB2017/058139)
[87] (WO2018/116164)
[30] US (62/436,500) 2016-12-20
[30] US (62/522,765) 2017-06-21

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[13] A1
[51] **Int.Cl. A47J 43/07 (2006.01) A47J 43/046 (2006.01)**
[25] EN
[54] **VERTICAL MOVING AND SWING TYPE BLENDER**
[54] **MELANGEUR DE TYPE A MOUVEMENT VERTICAL ET OSCILLANT**
[72] LEE, HYUNG JOO, KR
[71] SANG WON CO., LTD., KR
[85] 2019-06-13
[86] 2017-05-23 (PCT/KR2017/005315)
[87] (WO2018/147507)
[30] KR (10-2017-0019292) 2017-02-13

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 9/51 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING HEPATITIS B**
[54] **COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION OU LE TRAITEMENT DE L'HEPATITE B**
[72] KIM, KYUN HWAN, KR
[72] KIM, DOO HYUN, KR
[72] PARK, YEONG MIN, KR
[71] AM SCIENCES INC, KR
[85] 2019-06-13
[86] 2017-12-13 (PCT/KR2017/014662)
[87] (WO2018/110980)
[30] KR (10-2016-0169681) 2016-12-13

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[13] A1
[51] **Int.Cl. A61K 31/197 (2006.01) A61K 31/385 (2006.01) A61P 25/02 (2006.01)**
[25] EN
[54] **COMBINATIONS AND METHODS FOR THE TREATMENT OF NEUROPATHIC PAIN**
[54] **COMBINAISONS ET PROCEDES DE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE**
[72] BRAVO LAMICQ, ELIA CECILIA, MX
[72] ZARATE RODRIGUEZ, JUANA EDITH, MX
[71] CIDAT, S.A. DE C.V., MX
[85] 2019-06-13
[86] 2016-12-14 (PCT/MX2016/000137)
[87] (WO2018/111060)

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[13] A1
[51] **Int.Cl. A61K 36/83 (2006.01) A23L 33/105 (2016.01) A61K 31/336 (2006.01) A61K 31/36 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING NEURODEGENERATIVE DISEASES WHICH INCLUDES FLOWER EXTRACT OF DAPHNE GENKWA OR FRACTIONS THEREOF AS ACTIVE INGREDIENT**
[54] **COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES NEURODEGENERATIVES QUI COMPREND UN EXTRAIT DE FLEUR DE DAPHNE GENKWA OU DES FRACTIONS DE CELUI-CI EN TANT QUE SUBSTANCE ACTIVE**
[72] KIM, WON GON, KR
[72] HAN, BAEK SOO, KR
[72] BYUN, JONG SU, KR
[72] CHOI, HA YOUNG, KR
[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[85] 2019-06-13
[86] 2017-11-13 (PCT/KR2017/012790)
[87] (WO2018/088862)
[30] KR (10-2016-0150983) 2016-11-14

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[13] A1
[51] **Int.Cl. H04B 10/073 (2013.01)**
[25] EN
[54] **OPTICAL FIBER TEST APPARATUS WITH COMBINED LIGHT MEASUREMENT AND FAULT DETECTION**
[54] **APPAREIL DE TEST DE FIBRE OPTIQUE A MESURE DE LUMIERE COMBINEE ET DETECTION DE DEFAUT**
[72] ADAM, SEAN PATRICK, US
[72] EDDY, DALE CHANNING, US
[72] PRESCOTT, SCOTT, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2019-06-13
[86] 2017-11-08 (PCT/US2017/060515)
[87] (WO2018/111445)
[30] US (15/381,827) 2016-12-16

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[13] A1
[51] **Int.Cl. G08B 13/14 (2006.01)**
[25] EN
[54] **FLOOR MAT SENSING SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME DE DETECTION DE TAPIS DE SOL ET PROCEDES ASSOCIES**
[72] WILKINSON, BRUCE W., US
[72] WINKLE, DAVID, US
[72] MATTINGLY, TODD DAVENPORT, US
[71] WALMART APOLLO, LLC, US
[85] 2019-06-13
[86] 2017-10-26 (PCT/US2017/058548)
[87] (WO2018/111414)
[30] US (62/434,112) 2016-12-14

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[13] A1
[51] **Int.Cl. G06F 9/44 (2018.01)**
[25] EN
[54] **PRODUCTION-LIKE TESTING AND COMPLEX BUSINESS TO BUSINESS AUDITING SYSTEM**
[54] **TEST DE TYPE PRODUCTION ET SYSTEME D'AUDIT COMPLEXE ENTRE ENTREPRISES**
[72] COCHRAN, STEVE, US
[72] EL-SEBAALY, HATEM, US
[72] BERSAGEL, ERIC, US
[72] JAISWAL, MUKUND, US
[72] MILBURN, DANIEL, US
[71] GLOBAL HEALTHCARE EXCHANGE, LLC, US
[85] 2019-06-13
[86] 2017-10-11 (PCT/US2017/056219)
[87] (WO2018/111393)
[30] US (15/377,843) 2016-12-13

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[13] A1
[51] **Int.Cl. G07F 17/00 (2006.01)**
[25] EN
[54] **STORAGE AND DISPENSING STATION FOR A BLISTER DISPENSER**
[54] **STATION DE STOCKAGE ET DE DISTRIBUTION POUR UN AUTOMATE D'EMBALLAGES THERMOFORMES**
[72] HELLENBRAND, CHRISTOPH, DE
[72] GROSS, DIETMAR, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2019-06-13
[86] 2018-01-03 (PCT/EP2018/050133)
[87] (WO2018/141497)
[30] EP (17154512.2) 2017-02-03

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[13] A1
[51] **Int.Cl. C10M 149/06 (2006.01) C08F 8/32 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL OLEFIN COPOLYMERS AND LUBRICATING COMPOSITIONS CONTAINING SAME**
[54] **COPOLYMERES D'OLEFINE MULTIFONCTIONNELS ET COMPOSITIONS LUBRIFIANTES LES CONTENANT**
[72] PIROUZ, SOLMAZ, US
[72] JIANG, SHENG, US
[71] AFTON CHEMICAL CORPORATION, US
[85] 2019-06-13
[86] 2017-12-08 (PCT/US2017/065410)
[87] (WO2018/111726)
[30] US (15/381,701) 2016-12-16

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[13] A1
[51] **Int.Cl. B67D 1/00 (2006.01) B67D 1/08 (2006.01) B67D 1/10 (2006.01) B67D 1/12 (2006.01)**
[25] EN
[54] **FLEXIBLE BEVERAGE DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE BOISSON FLEXIBLE**
[72] MOORE, WILLIAM J., US
[71] THE COCA-COLA COMPANY, US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066142)
[87] (WO2018/112053)
[30] US (62/433,893) 2016-12-14

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[13] A1
[51] **Int.Cl. F24F 1/029 (2019.01) F24F 1/03 (2019.01)**
[25] EN
[54] **VARIABLE REFRIGERANT PACKAGE**
[54] **EMBALLAGE DE REFRIGERANT VARIABLE**
[72] EICHER, KEVIN L., US
[72] CAGLE, GEORGE C., US
[72] GUERRERO, EDUARDO J., US
[72] COTNER, BASCOM CLAYTON, US
[71] FRIEDRICH AIR CONDITIONING, LLC, US
[85] 2019-06-13
[86] 2017-12-08 (PCT/US2017/065256)
[87] (WO2018/111710)
[30] US (15/380,178) 2016-12-15

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **VEHICLE SERVICING SYSTEM**
[54] **SYSTEME D'ENTRETIEN DE VEHICULE**
[72] POEPPEL, SCOTT C., US
[72] LETWIN, NICHOLAS G., US
[72] KELLY, SEAN J., US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-06-13
[86] 2017-12-12 (PCT/US2017/065814)
[87] (WO2018/111874)
[30] US (15/378,894) 2016-12-14
[30] US (15/784,594) 2017-10-16

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[51] **Int.Cl. B60G 17/016 (2006.01) B60G 17/018 (2006.01) B60G 17/019 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING PAYLOAD DISTRIBUTION AND MACHINE INCLUDING SAME**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE REPARTITION DE CHARGE UTILE ET MACHINE COMPRENANT CEUX-CI**
[72] PAULI, NATHAN S., US
[71] CATERPILLAR INC., US
[85] 2019-06-13
[86] 2017-12-12 (PCT/US2017/065725)
[87] (WO2018/111821)
[30] US (15/382,043) 2016-12-16

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[51] **Int.Cl. A61K 31/166 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/12 (2006.01)**
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[54] **TREATMENT OF MODERATE AND SEVERE GASTROPARESIS**
[54] **TRAITEMENT D'UNE GASTROPARESIE MODEREE ET GRAVE**
[72] CARLSON, MARILYN R., US
[72] D'ONOFRIO, MATTHEW J., US
[72] GONYER, DAVID A., US
[72] ALVES, WAYNE, US
[71] EVOKE PHARMA, INC., US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066153)
[87] (WO2018/112061)
[30] US (62/435,044) 2016-12-15
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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/20 (2019.01)**
[25] EN
[54] **A TEST PANEL TO MEASURE BLOOD NEUROTOXIN LEVELS IN PREMATERNAL WOMEN AND FOR THE GENERAL PUBLIC IN RELATION TO MENTAL DISORDERS OF THE AGING**
[54] **PANEL DE TESTS PERMETTANT LA MESURE DE TAUX DE NEUROTOXINE SANGUINE CHEZ LES FEMMES PREMATERNELLES ET LE GRAND PUBLIC EN RAPPORT AVEC DES TROUBLES MENTAUX LIES AU VIEILLISSEMENT**
[72] SCHOFIELD, KEITH, US
[71] SCHOFIELD, KEITH, US
[85] 2019-06-13
[86] 2017-12-11 (PCT/US2017/065539)
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[30] US (15/379,352) 2016-12-14

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[51] **Int.Cl. F04D 15/00 (2006.01) F04B 49/06 (2006.01) G08C 17/02 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **PUMP COMMUNICATION MODULE, PUMP SYSTEM AND METHODS RELATING THERETO**
[54] **MODULE DE COMMUNICATION DE POMPE, SYSTEME DE POMPE ET PROCEDES ASSOCIES A CEUX-CI**
[72] WILDS, JOSHUA MICHAEL, US
[72] LUSEBRINK, TYLER AARON, US
[72] MAYLEBEN, PHILIP ANTHONY, US
[71] WAYNE/SCOTT FETZER COMPANY, US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066175)
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[30] US (62/433,772) 2016-12-13
[30] US (62/597,407) 2017-12-11

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[51] **Int.Cl. B60G 17/016 (2006.01) B60G 17/018 (2006.01) B60G 17/019 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING MACHINE HAULING CONDITIONS AT WORK SITE AND MACHINE INCLUDING SAME**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE CONDITIONS DE HALAGE DE MACHINE AU NIVEAU D'UN CHANTIER ET MACHINE COMPRENANT LEDIT SYSTEME**
[72] PAULI, NATHAN S., US
[71] CATERPILLAR INC., US
[85] 2019-06-13
[86] 2017-12-12 (PCT/US2017/065719)
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[51] **Int.Cl. C01B 32/00 (2017.01)**
[25] EN
[54] **PRODUCTION OF AEROGELS AND CARBON AEROGELS FROM LIGNIN**
[54] **PRODUCTION D'AEROGELS ET D'AEROGELS DE CARBONE A PARTIR DE LIGNINE**
[72] SANAEI, SHABNAM, CA
[72] MARCOCCIA, BRUNO, US
[72] KO, FRANK K., CA
[72] RENNECKAR, SCOTT, CA
[72] KARAASLAN, MUZAFFER A., CA
[71] DOMTAR PAPER COMPANY, LLC, US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066193)
[87] (WO2018/112092)
[30] US (62/433,536) 2016-12-13

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[51] **Int.Cl. G02F 1/163 (2006.01) E06B 9/24 (2006.01) G05B 15/02 (2006.01)**
[25] EN
[54] **CONTROL METHOD FOR TINTABLE WINDOWS**
[54] **PROCEDE DE COMMANDE DESTINE A DES FENETRES POUVANT ETRE TEINTEES**
[72] ZEDLITZ, JASON, US
[72] KLAWUHN, ERICH R., US
[72] BROWN, STEPHEN CLARK, US
[71] VIEW, INC., US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066198)
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[30] US (62/434,826) 2016-12-15

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[51] **Int.Cl. B25J 9/00 (2006.01) A61F 2/54 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **UPPER TORSO AUGMENTATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AUGMENTATION DE LA PARTIE SUPERIEURE DU TORSE**
[72] KRUMHOLZ, ELI, US
[72] WUDLICK, ROB, US
[72] ZENTGRAF, JOHN, US
[72] CONLEY, ANGIE, US
[72] ROBERTS, ROB, US
[72] NARVESON, CHRIS, US
[71] ABILITECH MEDICAL, INC., US
[85] 2019-06-13
[86] 2017-12-12 (PCT/US2017/065782)
[87] (WO2018/111853)
[30] US (62/433,377) 2016-12-13
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[51] **Int.Cl. G07C 5/08 (2006.01) G05D 1/00 (2006.01)**
[25] EN
[54] **VEHICLE MANAGEMENT SYSTEM**
[54] **SYSTEME DE CONTROLE DE VEHICULE**
[72] POEPPEL, SCOTT C., US
[72] LETWIN, NICHOLAS G., US
[72] KELLY, SEAN J., US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-06-13
[86] 2017-12-12 (PCT/US2017/065818)
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[30] US (15/379,407) 2016-12-14
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[30] US (15/730,211) 2017-10-11

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[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/195 (2006.01) A61K 31/4985 (2006.01) A61K 31/55 (2006.01)**
[25] EN
[54] **METHODS OF TREATING COCHLEAR SYNAPTOPATHY**
[54] **METHODES DE TRAITEMENT DE LA SYNAPTOPATHIE COCHLEAIRE**
[72] LORRAIN, DANIEL SCOTT, US
[72] POON, MICHAEL MING-YUAN, US
[72] STEBBINS, KARIN JOY, US
[71] PIPELINE THERAPEUTICS, INC., US
[85] 2019-06-13
[86] 2017-12-12 (PCT/US2017/065892)
[87] (WO2018/111926)
[30] US (62/435,629) 2016-12-16
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[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **THERAPEUTIC AGENT COATED ANGIOPLASTY BALLOON WITH EMBOLIC FILTER AND PROTECTIVE COVER**
[54] **BALLONNET D'ANGIOPLASTIE REVETU D'UN AGENT THERAPEUTIQUE MUNI D'UN FILTRE EMBOLIQUE ET D'UN COUVERCLE DE PROTECTION**
[72] SACHAR, RAVISH, US
[72] SERINA, EUGENE, US
[72] STERN, DAVE, US
[71] CONTEGO MEDICAL, LLC, US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066067)
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[51] **Int.Cl. A61K 31/47 (2006.01) A61K 31/655 (2006.01) C07D 215/38 (2006.01)**
[25] EN
[54] **INHIBITORS OF BROMODOMAIN-CONTAINING PROTEIN 4 (BRD4)**
[54] **INHIBITEURS DE PROTEINE 4 CONTENANT UN BROMODOMAINE (BRD4)**
[72] ZHOU, JIA, US
[72] BRASIER, ALLAN R., US
[72] TIAN, BING, US
[72] LIU, ZHIQING, US
[72] CHEN, HAIYING, US
[72] RYTTING, ERIK, US
[71] ZHOU, JIA, US
[71] BRASIER, ALLAN R., US
[71] TIAN, BING, US
[71] LIU, ZHIQING, US
[71] CHEN, HAIYING, US
[71] RYTTING, ERIK, US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066107)
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/40 (2006.01) A61K 31/409 (2006.01) A61K 31/498 (2006.01)**
[25] EN
[54] **NEAR INFRARED (NIR) PHOTODYNAMIC THERAPY (PDT) IN COMBINATION WITH CHEMOTHERAPY**
[54] **THERAPIE PHOTODYNAMIQUE (TPD) DANS LE PROCHE INFAROUGE (NIR) EN COMBINAISON AVEC UNE CHIMIOTHERAPIE**
[72] PANDEY, RAVINDRA K., US
[72] DURRANI, FARUKH, US
[72] GURU, KHURSHID, US
[71] HEALTH RESEARCH, INC., US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066122)
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[25] EN
[54] **RECOMBINANT HVT VECTORS EXPRESSING MULTIPLE ANTIGENS OF AVIAN PATHOGENS, AND VACCINES COMPRISING THEM**
[54] **VECTEURS HVT RECOMBINANTS EXPRIMANT DE MULTIPLES ANTIGENES DE PATHOGENES AVIAIRES, ET VACCINS LES CONTENANT**
[72] BUBLOT, MICHEL, FR
[72] MEBATSION, TESHOME, US
[72] PRITCHARD, JOYCE, US
[72] LINZ, PERRY, US
[72] KASSA, AEMRO, US
[71] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066139)
[87] (WO2018/112051)
[30] US (62/433,842) 2016-12-14

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[51] **Int.Cl. C22B 5/04 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING TITANIUM-ALUMINUM-VANADIUM ALLOY**
[54] **PROCEDE DE PRODUCTION D'ALLIAGE DE TITANE-ALUMINIUM-VANADIUM**
[72] COX, JAMES R., US
[72] DE ALWIS, CHANAKA, US
[72] KOHLER, BENJAMIN A., US
[72] LEWIS, MICHAEL G., US
[71] UNIVERSAL ACHEMETAL TITANIUM, LLC, US
[85] 2019-03-14
[86] 2017-09-13 (PCT/US2017/051399)
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[30] US (62/394,588) 2016-09-14

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[51] **Int.Cl. G21C 13/06 (2006.01) B23P 19/06 (2006.01) B25B 29/02 (2006.01) G21C 19/11 (2006.01) G21C 19/20 (2006.01)**
[25] EN
[54] **BOLT INSTALLATION AND TENSIONING SYSTEM**
[54] **INSTALLATION DE BOULON ET SYSTEME DE TENSION**
[72] SHAW, STEVEN W., US
[72] NOEL, DEREK, US
[71] NUSCALE POWER, LLC, US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066200)
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[30] US (62/441,048) 2016-12-30

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[51] **Int.Cl. C09K 5/18 (2006.01) F24V 30/00 (2018.01) A47J 36/28 (2006.01) A61F 7/03 (2006.01) C09K 5/16 (2006.01)**
[25] EN
[54] **EXOTHERMIC EXPANDABLE COMPOSITIONS**
[54] **COMPOSITIONS EXPANSIBLES EXOTHERMIQUES**
[72] YOUNG, DANIEL L., US
[71] FOREVER YOUNG INTERNATIONAL, INC., US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066208)
[87] (WO2018/112099)
[30] US (62/433,766) 2016-12-13

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[51] **Int.Cl. A61K 47/54 (2017.01) A61P 35/00 (2006.01) C07D 487/22 (2006.01)**
[25] EN
[54] **EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) TARGETED PHOTOSENSITIZERS**
[54] **PHOTOSENSIBILISATEURS CIBLES SUR LE RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE (EGFR)**
[72] PANDEY, RAVINDRA K., US
[72] BAUMANN, HEINZ, US
[72] GURU, KHURSHID, US
[72] CHERUKI, RAVINDRA, US
[72] TRACY, ERIN, US
[72] DURRANI, FARUKH, US
[72] CACACCIO, JOSEPH, US
[72] SITERS, KEVIN, US
[71] HEALTH RESEARCH, INC., US
[71] PHOTOLITEC, LLC, US
[85] 2019-06-13
[86] 2017-12-13 (PCT/US2017/066225)
[87] (WO2018/112111)
[30] US (62/433,554) 2016-12-13
[30] US (62/603,777) 2017-06-09

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[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/427 (2006.01) A61P 35/00 (2006.01) C07D 277/44 (2006.01)**
[25] EN
[54] **AMINOTHIAZOLE COMPOUNDS AS C-KIT INHIBITORS**
[54] **COMPOSES D'AMINOTHIAZOLE EN TANT QU'INHIBITEURS DE C-KIT**
[72] BENCIVENGA, NICHOLAS E., US
[72] DALGARNO, DAVID C., US
[72] GOZGIT, JOSEPH M., US
[72] HUANG, WEI-SHENG, US
[72] KOHLMANN, ANNA, US
[72] LI, FENG, US
[72] QI, JIWEI, US
[72] SHAKESPEARE, WILLIAM C., US
[72] THOMAS, RANNY M., US
[72] WANG, YIHAN, US
[72] ZHU, XIAOTIAN, US
[71] ARIAD PHARMACEUTICALS, INC., US
[85] 2019-06-13
[86] 2017-12-14 (PCT/US2017/066291)
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[30] US (62/434,845) 2016-12-15

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4184 (2006.01) A61P 11/06 (2006.01) A61P 35/00 (2006.01) C07D 235/08 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **BENZIMIDAZOLE COMPOUNDS AS C-KIT INHIBITORS**
[54] **COMPOSES DE BENZIMIDAZOLE EN TANT QU'INHIBITEURS DE C-KIT**
[72] BENCIVENGA, NICHOLAS E., US
[72] DALGARNO, DAVID C., US
[72] GOZGIT, JOSEPH M., US
[72] HUANG, WEI-SHENG, US
[72] KOHLMANN, ANNA, US
[72] LI, FENG, US
[72] QI, JIWEI, US
[72] SHAKESPEARE, WILLIAM C., US
[72] THOMAS, RANNY M., US
[72] WANG, YIHAN, US
[72] ZHANG, YUN, US
[72] ZHU, XIAOTIAN, US
[71] ARIAD PHARMACEUTICALS, INC., US
[85] 2019-06-13
[86] 2017-12-14 (PCT/US2017/066299)
[87] (WO2018/112140)
[30] US (62/434,839) 2016-12-15

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[51] **Int.Cl. G02B 27/09 (2006.01) G02B 5/04 (2006.01) G02B 7/00 (2006.01) G02B 7/18 (2006.01)**
[25] EN
[54] **COMPACT BEAM SHAPING AND STEERING ASSEMBLY**
[54] **ENSEMBLE COMPACT DE DIRECTION ET DE MISE EN FORME DE FAISCEAU**
[72] ROTHBERG, JONATHAN M., US
[72] CIPRIANY, BENJAMIN, US
[72] GLENN, PAUL E., US
[72] SCHULTZ, JONATHAN C., US
[71] QUANTUM-SI INCORPORATED, US
[85] 2019-06-13
[86] 2017-12-14 (PCT/US2017/066348)
[87] (WO2018/112170)
[30] US (62/435,679) 2016-12-16

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[51] **Int.Cl. G02B 1/04 (2006.01) A61F 2/16 (2006.01) C08L 33/04 (2006.01)**
[25] EN
[54] **HIGH REFRACTIVE INDEX HYDROPHILIC MATERIALS**
[54] **MATERIAUX HYDROPHILES A INDICE DE REFRACTION ELEVE**
[72] BENZ, PATRICK, US
[72] REBOUL, ADAM, US
[71] BENZ RESEARCH AND DEVELOPMENT CORP., US
[85] 2019-06-13
[86] 2017-12-14 (PCT/US2017/066370)
[87] (WO2018/112180)
[30] US (62/435,441) 2016-12-16
[30] US (15/586,890) 2017-05-04

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[51] **Int.Cl. E06B 9/24 (2006.01) G09G 3/38 (2006.01)**
[25] EN
[54] **TESTER AND ELECTRICAL CONNECTORS FOR INSULATED GLASS UNITS**
[54] **ANALYSEUR ET CONNECTEURS ELECTRIQUES POUR UNITES DE VERRE ISOLEES**
[72] SHRIVASTAVA, DHAIRYA, US
[72] BROWN, STEPHEN CLARK, US
[72] KANESHIRO, KEVIN KAZUO, US
[72] JACK, GORDON E., US
[71] VIEW, INC., US
[85] 2019-06-13
[86] 2017-12-14 (PCT/US2017/066486)
[87] (WO2018/112241)
[30] US (62/434,216) 2016-12-14

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[51] **Int.Cl. A61B 18/22 (2006.01) A61B 18/24 (2006.01) A61N 5/067 (2006.01)**
[25] EN
[54] **DEVICES AND THE USE THEREOF IN METHODS FOR ABLATION THERAPY**
[54] **DISPOSITIFS ET LEUR UTILISATION DANS DES PROCEDES DE THERAPIE D'ABLATION**
[72] GOODRICH, GLENN PATRICK, US
[72] SCHWARTZ, JON ALEXANDER, US
[72] MURPHY, ANDREW MARK, US
[71] NANOSPECTRA BIOSCIENCES, INC., US
[85] 2019-06-13
[86] 2017-12-14 (PCT/US2017/066522)
[87] (WO2018/112261)
[30] US (62/435,431) 2016-12-16

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[25] EN
[54] **LIVESTOCK MANAGEMENT**
[54] **GESTION DE BETAIL**
[72] HICKS, RONALD B., US
[72] HARKLEROAD, SARAH C., US
[72] PENNINGTON, JAY DAVID JAMES, US
[72] NIEDIG, ALAN W., US
[72] BUCZKIEWICZ, ROBERT T., US
[71] HERDX, INC., US
[85] 2019-06-13
[86] 2017-12-14 (PCT/US2017/066535)
[87] (WO2018/112272)
[30] US (62/434,341) 2016-12-14
[30] US (62/585,408) 2017-11-13

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[51] **Int.Cl. A61K 31/7084 (2006.01) A61P 35/00 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **CYCLIC DINUCLEOTIDE STING AGONISTS FOR CANCER TREATMENT**
[54] **AGONISTES DINUCLEOTIDIQUES CYCLIQUES DE STING POUR LE TRAITEMENT DU CANCER**
[72] CEMERSKI, SASO, US
[72] CUMMING, JARED N., US
[72] FLATELAND, LAUREN M., US
[72] KOPINJA, JOHNNY E., US
[72] MA, YANHONG, US
[72] PERERA, SAMANTHI A., US
[72] TROTTER, BENJAMIN WESLEY, US
[72] TSE, ARCHIE NGAI-CHIU, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066557)
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[30] US (62/436,712) 2016-12-20

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[51] **Int.Cl. A61K 31/201 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **THERAPEUTICALLY ACTIVE COMPLEXES**
[54] **COMPLEXES THERAPEUTIQUEMENT ACTIFS**
[72] SVANBORG, CATHARINA, SE
[72] NADEEM, AFTAB, SE
[72] MOK, KENNETH HUN, IE
[72] HO, CHIN SHING, SE
[71] HAMLET PHARMA AB, SE
[85] 2019-06-12
[86] 2017-12-19 (PCT/IB2017/058140)
[87] (WO2018/116165)
[30] GB (1621752.3) 2016-12-20

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[25] EN
[54] **ANTI-CUB DOMAIN-CONTAINING PROTEIN 1 (CDCP1) ANTIBODIES, ANTIBODY DRUG CONJUGATES, AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-PROTEINE 1 CONTENANT UN DOMAINE ANTI-CUB (CDCP1), CONJUGUES ANTICORPS-MEDICAMENT ET LEURS METHODES D'UTILISATION**
[72] REN, HONG, US
[72] LONNING, SCOTT MICHAEL, US
[72] PEDERSON, NELS ERIC, US
[72] RIKOVA, KLARISA, US
[72] TKACHEV, ALEKSANDR, US
[72] GU, TINGLEI, US
[71] BLUEFIN BIOMEDICINE, INC., US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066661)
[87] (WO2018/112334)
[30] US (62/435,509) 2016-12-16
[30] US (62/488,445) 2017-04-21
[30] US (62/588,516) 2017-11-20

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[51] **Int.Cl. A47C 23/05 (2006.01) A47C 23/043 (2006.01)**
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[54] **OPEN COIL SPRING ASSEMBLIES**
[54] **ENSEMBLES DE RESSORTS HELICOIDAUX OUVERTS**
[72] DEMOSS, LARRY K., US
[72] MANUSZAK, BRIAN M., US
[72] TAR, KEVIN M., US
[72] THOMAS, DARIN T., US
[72] GREEN, DANIEL W., AU
[72] JUST, MORRISON J., AU
[71] SEALY TECHNOLOGY, LLC, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066671)
[87] (WO2018/112341)
[30] US (62/434,668) 2016-12-15

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[51] **Int.Cl. C05F 17/00 (2006.01) A01G 31/00 (2018.01) A01G 31/02 (2006.01) A01K 63/00 (2017.01)**
[25] EN
[54] **MEDIA BED FOR WASTE STREAMS AND SYSTEMS EMPLOYING THE SAME**
[54] **LIT DE MILIEU POUR FLUX DE DECHETS ET SYSTEMES LES UTILISANT**
[72] NICKERSON, PAUL W., US
[72] FOSTER, DAVID K., US
[71] INTEGRATED AGRICULTURE SYSTEMS, INC., US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066675)
[87] (WO2018/112343)
[30] US (62/434,848) 2016-12-15

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[51] **Int.Cl. B63B 22/00 (2006.01)**
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[54] **STOKES DRIFTER**
[54] **BOUEE DERIVANTE DE STOKES**
[72] WIENDERS, NICOLAS, US
[71] FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066681)
[87] (WO2018/112347)
[30] US (62/435,026) 2016-12-15

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[13] A1
[51] **Int.Cl. B62J 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A BICYCLE SEAT, APPARATUS USED IN SAID PROCESS AND BICYCLE SEAT PRODUCED THEREBY**
[54] **PROCEDE DE FABRICATION DE SIEGE DE BICYCLETTE, APPAREIL UTILISE DANS LEDIT PROCEDE ET SIEGE DE BICYCLETTE AINSI FABRIQUE**
[72] SHABSIGH, RIDWAN, US
[72] GOATES, ELDON, US
[71] SHABSIGH, RIDWAN, US
[71] GOATES, ELDON, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066688)
[87] (WO2018/112353)
[30] US (62/434,605) 2016-12-15

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[51] **Int.Cl. A61B 5/0215 (2006.01) A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) A61B 5/091 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING AND DETERMINING PATIENT PARAMETERS FROM SENSED VENOUS WAVEFORM**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ET DE DETERMINATION DE PARAMETRES DE PATIENT A PARTIR D'UNE FORME D'ONDE VEINEUSE DETECTEE**
[72] HANDLER, JONATHAN, US
[72] MARTUCCI, JAMES, US
[72] HOCKING, KYLE, US
[72] EAGLE, SUSAN, US
[72] BROPHY, COLLEEN, US
[72] BOYER, RICHARD, US
[72] BAUDENBACHER, FRANZ, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066689)
[87] (WO2018/112354)
[30] US (62/434,796) 2016-12-15
[30] US (62/434,849) 2016-12-15
[30] US (62/434,768) 2016-12-15
[30] US (62/528,794) 2017-07-05

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[51] **Int.Cl. C12N 15/82 (2006.01) C07K 14/415 (2006.01)**
[25] EN
[54] **LATE BLIGHT RESISTANCE GENES AND METHODS OF USE**
[54] **GENES DE RESISTANCE AU MILDIOU ET LEURS PROCEDES D'UTILISATION**
[72] WITEK, KAMIL, GB
[72] KARKI, HARI S., US
[72] JUPE, FLORIAN GUNTER, US
[72] JONES, JONATHAN D.G., GB
[71] TWO BLADES FOUNDATION, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066691)
[87] (WO2018/112356)
[30] US (62/435,451) 2016-12-16

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[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/64 (2006.01) G01N 21/77 (2006.01)**
[25] EN
[54] **OPTICAL COUPLER AND WAVEGUIDE SYSTEM**
[54] **COUPLEUR OPTIQUE ET SYSTEME DE GUIDE D'ONDES**
[72] ROTHBERG, JONATHAN M., US
[72] KABIRI, ALI, US
[72] SCHMID, GERARD, US
[72] SICKLER, JASON W., US
[72] GLENN, PAUL E., US
[72] WEST, LAWRENCE C., US
[72] PRESTON, KYLE, US
[72] GONDARENKO, ALEXANDER, US
[72] CIPRIANY, BENJAMIN, US
[72] BEACH, JAMES, US
[72] FIFE, KEITH G., US
[72] GHASEMI, FARSHID, US
[71] QUANTUM-SI INCORPORATED, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066717)
[87] (WO2018/112367)
[30] US (62/435,693) 2016-12-16

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[51] **Int.Cl. C08B 30/20 (2006.01) A23L 29/212 (2016.01)**
[25] EN
[54] **INHIBITED WAXY STARCHES AND METHODS OF USING THEM**
[54] **AMIDONS CIREUX INHIBES ET PROCEDES POUR LES UTILISER**
[72] WHALEY, JUDITH K., US
[72] LIU, WEICHANG, US
[72] ZHOU, YUQING, US
[72] CHEN, XIAN, US
[72] HOWARTH, LESLIE GEORGE, US
[72] BELTZ, MARK, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066755)
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[30] US (62/434,921) 2016-12-15

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[51] **Int.Cl. A61K 31/585 (2006.01) A61K 36/894 (2006.01)**
[25] EN
[54] **TACCALONOLIDE MICROTUBULE STABILIZERS**
[54] **STABILISATEURS TACCALONOLIDES DE MICROTUBULES**
[72] MOOBERRY, SUSAN L., US
[72] RISINGER, APRIL L., US
[72] CICHEWICZ, ROBERT H., US
[72] DU, LIN, US
[72] LI, JING, US
[72] PENG, JIANGNAN, US
[72] OLA, ANTONIUS, ID
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[71] THE BOARD OF REGENTS FOR THE UNIVERSITY OF OKLAHOMA, US
[71] YEE, SAMANTHA S.M., US
[71] OLA, ANTONIUS, ID
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066779)
[87] (WO2018/112391)
[30] US (62/434,919) 2016-12-15

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[13] A1
[51] **Int.Cl. C07D 409/04 (2006.01) C12N 9/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DU CANCER**
[72] SHOKAT, KEVAN M., US
[72] GENTILE, DANIEL, US
[72] MOSS, STEVEN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066839)
[87] (WO2018/112420)
[30] US (62/434,971) 2016-12-15

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[51] **Int.Cl. B60H 1/32 (2006.01) F25B 1/00 (2006.01) F25B 9/00 (2006.01) F25B 39/02 (2006.01) F25B 40/00 (2006.01) F25B 41/00 (2006.01) F25B 41/06 (2006.01)**
[25] EN
[54] **PORTABLE INSTANT COOLING SYSTEM WITH CONTROLLED TEMPERATURE**
[54] **SYSTEME DE REFROIDISSEMENT INSTANTANE PORTABLE A TEMPERATURE CONTROLEE**
[72] HOLZWANGER, MARK, US
[72] LIU, XIANGHONG HENRY, US
[72] HU, HENG, US
[72] HOLZWANGER, HARRY, US
[72] VERARDI, MARIA GRAZIA, US
[72] SAILER, ROBERT A., US
[72] HOEY, JUSTIN, US
[71] FROSTIME, LLC, US
[71] NDSU RESEARCH FOUNDATION, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066840)
[87] (WO2018/112421)
[30] US (15/382,716) 2016-12-18

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/44 (2006.01) G01N 33/532 (2006.01)**
[25] EN
[54] **MOLECULAR DETECTION USING LIGATION AMPLIFICATION**
[54] **DETECTION MOLECULAIRE PAR AMPLIFICATION DE LIGATURE**
[72] TRAUTMAN, JAY, US
[72] WANG, GORDON, US
[72] LENZI, DAVID, US
[71] ARATOME, LLC, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066841)
[87] (WO2018/112422)
[30] US (62/435,424) 2016-12-16
[30] US (62/480,107) 2017-03-31
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[51] **Int.Cl. A61K 35/12 (2015.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C12N 15/09 (2006.01) C12N 15/10 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **VARIANT LIBRARIES OF THE IMMUNOLOGICAL SYNAPSE AND SYNTHESIS THEREOF**
[54] **BANQUES DE VARIANTS DE LA SYNAPSE IMMUNOLOGIQUE ET LEUR SYNTHESE**
[72] COX, ANTHONY, US
[72] CHEN, SIYUAN, US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066847)
[87] (WO2018/112426)
[30] US (62/435,650) 2016-12-16

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[51] **Int.Cl. A61K 31/727 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **IN VITRO HEPARIN AND HEPARAN SULFATE COMPOSITIONS AND METHODS OF MAKING AND USING**
[54] **COMPOSITIONS IN VITRO D'HEPARINE ET DE SULFATE D'HEPARANE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] GLASS, CHARLES, US
[72] THACKER, BRYAN, US
[72] ESKO, JEFFREY, US
[71] TEGA THERAPEUTICS, INC., US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066860)
[87] (WO2018/112434)
[30] US (62/435,633) 2016-12-16

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[51] **Int.Cl. H01Q 1/42 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR WET RADOME ATTENUATION MITIGATION IN PHASED-ARRAY ANTENNAE APPLICATIONS AND NETWORKED USE OF SUCH APPLICATIONS**
[54] **PROCEDES ET SYSTEMES D'ATTENUATION D'HUMIDITE DE RADOME DANS DES APPLICATIONS D'ANTENNES RESEAU A COMMANDE DE PHASE ET UTILISATION EN RESEAU DE TELLES APPLICATIONS**
[72] BENNETT, ANDREW, US
[72] ORZEL, KRZYSZTOF, PL
[71] POINT ROAD SOLUTIONS, LLC, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066871)
[87] (WO2018/112439)
[30] US (15/382,644) 2016-12-17

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[51] **Int.Cl. F41G 3/06 (2006.01) F41G 3/22 (2006.01) G01S 3/78 (2006.01) G01S 3/786 (2006.01) G01S 5/16 (2006.01) G01S 17/87 (2006.01)**
[25] FR
[54] **DEVICE FOR LOCATING A TARGET BY STELLAR RESETTING, INTENDED TO BE ON BOARD A MOBILE CARRIER**
[54] **DISPOSITIF DE LOCALISATION PAR RECALAGE STELLAIRE D'UNE CIBLE, DESTINE A ETRE EMBARQUE SUR UN PORTEUR MOBILE**
[72] ROBERT, EMMANUEL, FR
[72] ROLAND, FLAVIEN, FR
[72] DAVENEL, ARNAUD, FR
[72] DELEAUX, BENJAMIN, FR
[72] ROBERFROID, DAVID, FR
[72] REYMOND, GEORGES-OLIVIER, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2019-06-12
[86] 2017-12-12 (PCT/EP2017/082409)
[87] (WO2018/108897)
[30] FR (1662631) 2016-12-16

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR THE DETECTION OF TAU PROTEIN AGGREGATES**
[54] **PROCEDES DE DETECTION D'AGREGATS DE PROTEINE TAU**
[72] CAUGHEY, BYRON WINSLOW, US
[72] SAIJO, ERI, US
[72] KRAUS, ALLISON LINDSEY, US
[72] METRICK, MICHAEL ANTHONY, II, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2019-06-13
[86] 2017-12-29 (PCT/US2017/069024)
[87] (WO2018/126180)
[30] US (62/440,885) 2016-12-30

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[51] **Int.Cl. H01S 3/10 (2006.01)**
[25] EN
[54] **COMPACT MODE-LOCKED LASER MODULE**
[54] **MODULE LASER COMPACT A VERROUILLAGE DE MODE**
[72] ROTHBERG, JONATHAN M., US
[72] SICKLER, JASON W., US
[72] WEST, LAWRENCE C., US
[72] AHMAD, FAISAL R., US
[72] GLENN, PAUL E., US
[72] JEWELL, JACK, US
[72] GLENN, JOHN, US
[72] CAMARA, JOSE, US
[72] JORDAN, JEREMY CHRISTOPHER, US
[72] REARICK, TODD, US
[72] GHASEMI, FARSHID, US
[72] SCHULTZ, JONATHAN C., US
[72] FIFE, KEITH G., US
[72] CIPRIANY, BENJAMIN, US
[71] QUANTUM-SI INCORPORATED, US
[85] 2019-06-13
[86] 2017-12-15 (PCT/US2017/066878)
[87] (WO2018/112444)
[30] US (62/435,688) 2016-12-16

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[13] A1
[51] **Int.Cl. B32B 7/02 (2019.01) B32B 3/30 (2006.01) B32B 7/04 (2019.01) B65D 65/40 (2006.01) B65D 79/02 (2006.01)**
[25] EN
[54] **COMBINED SHIPPING PROTECTION AND IMPINGEMENT DETECTION WRAP**
[54] **ENVELOPPE COMBINEE DE PROTECTION POUR L'EXPEDITION ET DE DETECTION D'IMPACT**
[72] ZOCHER, MARC ALAN, US
[71] NUSCALE POWER, LLC, US
[85] 2019-06-13
[86] 2017-12-29 (PCT/US2017/069101)
[87] (WO2018/126212)
[30] US (62/440,999) 2016-12-30

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[13] A1
[51] **Int.Cl. G21D 3/04 (2006.01) G05B 9/02 (2006.01)**
[25] EN
[54] **NUCLEAR REACTOR PROTECTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE PROTECTION DE REACTEUR NUCLEAIRE**
[72] CLARKSON, GREGORY WAYNE, US
[72] AYALA, RUFINO, US
[72] POTTORF, JASON, US
[71] NUSCALE POWER, LLC, US
[71] ROCK CREEK INNOVATIONS, LLC, US
[85] 2019-06-13
[86] 2018-01-02 (PCT/US2018/012089)
[87] (WO2018/144173)
[30] US (62/440,989) 2016-12-30

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[13] A1
[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 413/14 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **INHIBITORS OF MUTANT ISOCITRATE DEHYDROGENASES AND COMPOSITIONS AND METHODS THEREOF**
[54] **INHIBITEURS D'ISOCITRATE DESHYDROGENASES MUTANTES, COMPOSITIONS ET PROCEDES CORRESPONDANTS**
[72] ZHANG, TINGHU, US
[72] CHE, JIANWEI, US
[71] ISOCURE BIOSCIENCES INC., US
[85] 2019-06-13
[86] 2017-12-18 (PCT/US2017/067050)
[87] (WO2018/118793)
[30] US (62/436,328) 2016-12-19
[30] US (62/536,367) 2017-07-24

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 239/74 (2006.01) C07D 401/08 (2006.01) C07D 403/08 (2006.01) C07D 405/10 (2006.01) C07D 417/08 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **POLY-ADP RIBOSE POLYMERASE (PARP) INHIBITORS**
[54] **INHIBITEURS DE LA POLY-ADP-RIBOSE POLYMERASE (PARP)**
[72] TAKAHASHI, TAISUKE, JP
[72] KLUGE, ARTHUR, US
[72] LAGU, BHARAT, US
[72] JI, NAN, US
[71] MITOBRIDGE, INC., US
[85] 2019-06-13
[86] 2017-12-28 (PCT/US2017/068636)
[87] (WO2018/125961)
[30] US (62/440,581) 2016-12-30

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[51] **Int.Cl. C07D 233/91 (2006.01) A61K 31/4168 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **NOVEL PHENYL DERIVATIVES**
[54] **NOUVEAUX DERIVES DE PHENYLE**
[72] KHAN, SHAHARYAR, US
[71] RIVUS PHARMACEUTICALS, INC., US
[85] 2019-06-13
[86] 2018-01-05 (PCT/US2018/012491)
[87] (WO2018/129258)
[30] US (62/443,244) 2017-01-06
[30] US (62/581,355) 2017-11-03
[30] US (62/585,326) 2017-11-13

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[51] **Int.Cl. A61F 2/24 (2006.01) A61L 31/04 (2006.01)**
[25] EN
[54] **DOCKING DEVICE MADE WITH 3D WOVEN FABRIC**
[54] **DISPOSITIF D'AMARRAGE CONSTITUE D'UN TISSU TISSE 3D**
[72] NGUYEN, SON V., US
[72] RUPP, KEVIN D., US
[72] CHADHA, AJAY, US
[72] LINDSTROM, JEFF, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-06-13
[86] 2017-12-18 (PCT/US2017/067056)
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[30] US (62/436,866) 2016-12-20

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/85 (2006.01) C12N 15/88 (2006.01)**
[25] EN
[54] **FUSOGENIC LIPID NANOPARTICLES AND METHODS FOR THE MANUFACTURE AND USE THEREOF FOR THE TARGET CELL-SPECIFIC PRODUCTION OF A THERAPEUTIC PROTEIN AND FOR THE TREATMENT OF A DISEASE, CONDITION, OR DISORDER ASSOCIATED WITH A TARGET CELL**
[54] **NANOPARTICULES LIPIDIQUES FUSOGENES ET PROCEDES DE FABRICATION ET D'UTILISATION POUR LA PRODUCTION DE PROTEINE THERAPEUTIQUE ET A DES FINS DE TRAITEMENT**
[72] SCHOLZ, MATTHEW REIN, US
[71] OISIN BIOTECHNOLOGIES, US
[85] 2019-06-13
[86] 2018-01-09 (PCT/US2018/013033)
[87] (WO2018/129563)
[30] US (62/444,360) 2017-01-09

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[51] **Int.Cl. C07D 233/04 (2006.01) C07D 233/08 (2006.01) D21H 17/07 (2006.01) D21H 21/24 (2006.01)**
[25] EN
[54] **ZWITTERIONIC IMIDAZOLINIUM SURFACTANT AND USE IN THE MANUFACTURE OF ABSORBENT PAPER**
[54] **TENSIOACTIF D'IMIDAZOLINIUM ZWITTERIONIQUE ET UTILISATION DANS LA FABRICATION DE PAPIER ABSORBANT**
[72] CHEN, YU, US
[72] HAMMES, BRIAN S., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2019-06-13
[86] 2018-01-10 (PCT/US2018/013046)
[87] (WO2018/136267)
[30] US (62/446,892) 2017-01-17
[30] US (15/865,353) 2018-01-09

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[51] **Int.Cl. H04B 7/0417 (2017.01) H04W 74/08 (2009.01) H04B 7/06 (2006.01) H04B 7/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BEAM ADJUSTMENT REQUEST**
[54] **SYSTEME ET PROCEDE DE DEMANDE D'AJUSTEMENT DE FAISCEAU**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[72] SADIQ, BILAL, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2019-06-13
[86] 2018-01-11 (PCT/US2018/013356)
[87] (WO2018/136300)
[30] US (62/447,386) 2017-01-17
[30] US (62/557,082) 2017-09-11
[30] US (62/567,161) 2017-10-02
[30] US (15/867,603) 2018-01-10

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[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RECONSTRUCTED WAVEFIELD IMAGING**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE IMAGERIE DE CHAMP D'ONDES RECONSTRUIT**
[72] WANG, CHAO, US
[72] YINGST, HOWARD DAVID, US
[71] ION GEOPHYSICAL CORPORATION, US
[85] 2019-06-13
[86] 2017-12-19 (PCT/US2017/067437)
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[30] US (62/436,724) 2016-12-20

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[51] **Int.Cl. A61K 31/517 (2006.01) C07D 239/94 (2006.01) C07D 473/16 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND USE THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET UTILISATION DE CES COMPOSES**
[72] SHIH, CHUAN, US
[72] SHIA, KAK-SHAN, TW
[72] WU, CHIEN-HUANG, TW
[72] CHOI, MING-CHEN, TW
[72] SONG, JEN-SHIN, TW
[72] WANG, YUN, TW
[71] SHIH, CHUAN, US
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[54] **CONFIGURATION DE RESSOURCES DE COMMANDE**
[72] SUN, JING, US
[72] CHEN, WANSHI, US
[72] LEE, HEECHOON, US
[71] QUALCOMM INCORPORATED, US
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[54] **FASTENER SEALING MATERIAL AND METHOD**
[54] **MATERIAU ET PROCEDE D'ETANCHEITE D'ATTACHE**
[72] STUPAR, JEFFREY M., US
[72] JAROENWATTHANAWINYOO, PAKKATORN, US
[71] NYLOK LLC, US
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[54] **DISPOSITIF DE VERROUILLAGE ET PORTE COULISSANTE A DISPOSITIF DE VERROUILLAGE**
[72] KONRAD, WILFRIED, AT
[71] FACC AG, AT
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[54] **CONFIGURABLE COMMON UPLINK BURST LENGTH**
[54] **LONGUEUR DE RAFALE DE LIAISON MONTANTE COMMUNE CONFIGURABLE**
[72] ZENG, WEI, US
[72] JI, TINGFANG, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[71] QUALCOMM INCORPORATED, US
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[54] **RADIOLABELLED MATERIAL FOR TARGETED ADMINISTRATION**
[54] **MATERIAU RADIOMARQUE POUR ADMINISTRATION CIBLEE**
[72] STEPHENS, ROSS WENTWORTH, AU
[72] TREDWELL, GREGORY DAVID, AU
[72] KNOX, KAREN JOANNE, AU
[72] PHILIP, LEE ANDREW, AU
[72] GREENLEES, REBECCA, AU
[72] BEATTIE, KEIRA, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[25] EN
[54] **REAGENTS FOR TREATMENT OF OCULOPHARYNGEAL MUSCULAR DYSTROPHY (OPMD) AND USE THEREOF**
[54] **REACTIFS POUR LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE OCULOPHARYNGEE (DMOP) ET LEUR UTILISATION**
[72] STRINGS-UFOMBAH, VANESSA, US
[72] SUHY, DAVID, US
[71] BENITEC BIOPHARMA LIMITED, AU
[85] 2019-06-14
[86] 2017-12-14 (PCT/AU2017/051385)
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[54] **ENERGY OFFLOADING SYSTEM**
[54] **SYSTEME DE DELESTAGE D'ENERGIE**
[72] LEWIS, RALPH W., US
[72] GADIKIAN, JACOB, US
[72] ABRAMO, CHRISTOPHER, US
[71] DRONE ENERGY IP HOLDINGS, LLC, US
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[25] EN
[54] **A MEDICAL IMPLANT AND A METHOD OF COATING A MEDICAL IMPLANT**
[54] **IMPLANT MEDICAL ET METHODE DE REVETEMENT D'UN IMPLANT MEDICAL**
[72] JEFFERY, CHRISTOPHER ARNOLD, AU
[71] FIELD ORTHOPAEDICS PTY LTD, AU
[85] 2019-06-14
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[54] **DRILLING OSCILLATION SYSTEMS AND SHOCK TOOLS FOR SAME**
[54] **SYSTEMES D'OSCILLATION DE FORAGE ET OUTILS DE CHOC ASSOCIES**
[72] DONALD, SEAN MATTHEW, US
[72] SCOTT, ANDREW LAWRENCE, US
[72] YANG, YONG, US
[72] KVASNYTSIA, ROMAN, CA
[71] NATIONAL OILWELL DHT, L.P., US
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[25] EN
[54] **THROMBIN INHIBITORS FOR TREATMENT OF STROKE AND RELATED COAGULATIVE DISORDERS**
[54] **INHIBITEURS DE THROMBINE POUR LE TRAITEMENT D'UN ACCIDENT VASCULAIRE CEREBRAL ET DE TROUBLES DE COAGULATION ASSOCIES**
[72] PAYNE, RICHARD J., AU
[72] JACKSON, SHAUN PHILLIP, AU
[72] BARBOSA PEREIRA, PEDRO JOSE, AU
[71] THE UNIVERSITY OF SYDNEY, AU
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[25] EN
[54] **CORROSION-PROTECTED REFORMER TUBE WITH INTERNAL HEAT EXCHANGE**
[54] **TUBE DE REFORMAGE PROTEGE DE LA CORROSION AVEC ECHANGE DE CHALEUR INTERNE**
[72] ULBER, DIETER, DE
[72] DOUBLET, SEBASTIEN, FR
[72] DEL GALLO, PASCAL, FR
[72] PROST, LAURENT, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **SYSTEM FOR AUTOMATIC FILLING OF MEDICATION ORGANIZERS**
[54] **SYSTEME DE REMPLISSAGE AUTOMATIQUE D'ORGANISEURS DE MEDICAMENTS**
[72] BOUTIN, JEAN, CA
[71] SYNERGIE MEDICALE BRG INC., CA
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[51] **Int.Cl. A61K 36/18 (2006.01) A61K 31/352 (2006.01) A61K 31/353 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TERMINALIA FERDINANDIANA LEAF EXTRACT AND PRODUCTS CONTAINING EXTRACT OF TERMINALIA FERDINANDIANA LEAF**
[54] **EXTRAIT DE FEUILLE DE TERMINALIA FERDINANDIANA ET PRODUITS CONTENANT UN EXTRAIT DE FEUILLE DE TERMINALIA FERDINANDIANA**
[72] COCK, IAN EDWIN, AU
[72] BOEHME, DAVID JOHN, AU
[72] MILES, ROSLYN ANNE, AU
[71] RISING PHOENIX INDUSTRIES PTY LTD, AU
[85] 2019-06-14
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[54] **GENIE GENETIQUE DE CULTURES BASE SUR L'EDITION GENIQUE ET PRODUCTION DE PLANTES BRACHYTIQUES**
[72] BARTEN, TY, US
[72] CARGILL, EDWARD J., US
[72] LAMB, JONATHAN C., US
[72] LEMKE, BRYCE M., US
[72] RYMARQUIS, LINDA A., US
[72] YANG, DENNIS H., US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **COMPOSITION DE REVETEMENT AQUEUSE**
[72] CUI, LONGLAN, CN
[72] CHEN, JUNYU, CN
[72] WANG, TAO, CN
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-06-14
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[51] **Int.Cl. A61M 25/02 (2006.01) A61B 5/01 (2006.01) A61B 5/021 (2006.01) A61B 5/024 (2006.01) A61B 5/1455 (2006.01) A61M 25/00 (2006.01)**
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[54] **CATHETER HOUSING**
[54] **DISPOSITIF DE RETENTION DE CATHETER**
[72] ALBANY, RAMY, US
[72] ALBANY, AMID, US
[71] VASONICS, LLC, US
[85] 2019-06-13
[86] 2017-12-22 (PCT/US2017/068343)
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[54] **PTO QUICK ATTACHMENT FOR A UTILITY VEHICLE**
[54] **FIXATION RAPIDE DE PRISE DE FORCE POUR UN VEHICULE UTILITAIRE**
[72] BRIESE, KEVIN K., US
[72] HANSON, JACOB D., US
[71] POLARIS INDUSTRIES INC., US
[85] 2019-06-13
[86] 2017-12-22 (PCT/US2017/068169)
[87] (WO2018/119388)
[30] US (62/437,667) 2016-12-22

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[25] EN
[54] **METHOD FOR TREATING AND PREVENTING ATHEROSCLEROSIS AND COMPLICATIONS THEREOF**
[54] **METHODE DE TRAITEMENT ET DE PREVENTION DE L'ATHEROSCLEROSE ET DE SES COMPLICATIONS**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089043)
[87] (WO2018/107684)
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[25] EN
[54] **METHOD FOR TREATING CORONARY ATHEROSCLEROSIS AND COMPLICATIONS THEREOF**
[54] **PROCEDE DE TRAITEMENT DE L'ATHEROSCLEROSE CORONAIRE ET DE SES COMPLICATIONS**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089044)
[87] (WO2018/107685)
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[25] EN
[54] **METHOD FOR PREVENTING AND TREATING FATTY LIVER**
[54] **METHODE DE PREVENTION ET DE TRAITEMENT DE LA STEATOSE HEPATIQUE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089047)
[87] (WO2018/107688)
[30] CN (PCT/CN2016/110168) 2016-12-15
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[25] EN
[54] **METHOD FOR PREVENTING AND TREATING DRUG-INDUCED RENAL INJURY**
[54] **METHODE DE PREVENTION ET DE TRAITEMENT D'UNE LESION RENALE INDUITE PAR UN MEDICAMENT**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089059)
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[51] **Int.Cl. A61K 38/48 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING AND TREATING PATHOLOGICAL RENAL TISSUE INJURY**
[54] **PROCEDE DE PREVENTION ET DE TRAITEMENT D'UNE LESION DE TISSU RENAL PATHOLOGIQUE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089060)
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[25] EN
[54] **NOVEL METHOD FOR TREATING DIABETES**
[54] **NOUVELLE METHODE DE TRAITEMENT DU DIABETE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089062)
[87] (WO2018/107702)
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[25] EN
[54] **METHOD FOR PROMOTING INSULIN SECRETION**
[54] **PROCEDE POUR FAVORISER LA SECRETION D'INSULINE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089065)
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[51] **Int.Cl. A61K 38/48 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING AND TREATING LIVER FIBROSIS**
[54] **METHODE DE PREVENTION ET DE TRAITEMENT D'UNE FIBROSE HEPATIQUE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
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[86] 2017-06-19 (PCT/CN2017/089056)
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[25] EN
[54] **METHOD FOR MITIGATING HEART DISEASE**
[54] **PROCEDE POUR ATTENUER UNE MALADIE CARDIAQUE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
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[87] (WO2018/107707)
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[25] EN
[54] **METHOD FOR MAKING GLUCAGON AND INSULIN RESTORE NORMAL BALANCE**
[54] **PROCEDE DE RESTAURATION D'UN EQUILIBRE NORMAL DU GLUCAGON ET DE L'INSULINE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089066)
[87] (WO2018/107706)
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[25] EN
[54] **METHOD FOR PROMOTING EXPRESSION OF INSULIN RECEPTOR SUBSTRATE-2**
[54] **PROCEDE POUR FAVORISER L'EXPRESSION DU SUBSTRAT-2 DU RECEPTEUR DE L'INSULINE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-06-19 (PCT/CN2017/089069)
[87] (WO2018/107708)
[30] CN (PCT/CN2016/110171) 2016-12-15

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[51] **Int.Cl. G05D 1/10 (2006.01)**
[25] EN
[54] **UNMANNED AERIAL VEHICLE OPERATING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE FONCTIONNEMENT DE VEHICULE AERIEN SANS PILOTE**
[72] WU, BIN, CN
[72] PENG, BIN, CN
[71] GUANGZHOU XAIRCRAFT TECHNOLOGY CO., LTD, CN
[85] 2019-06-14
[86] 2017-12-15 (PCT/CN2017/116521)
[87] (WO2018/108159)
[30] CN (201611169759.8) 2016-12-16

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[25] EN
[54] **ADAPTIVE SYSTEM FOR MEASURING CONCENTRATION AND FLOW RATE OF GROUND GAS**
[54] **SYSTEME ADAPTATIF PERMETTANT DE MESURER UNE CONCENTRATION ET UN DEBIT DE GAZ DE SOL**
[72] MCNULTY, STEPHEN, IE
[72] COLLINS, FIACHRA, IE
[71] AMBISENSE LTD., IE
[85] 2019-06-14
[86] 2017-10-05 (PCT/EP2017/075405)
[87] (WO2018/065544)
[30] EP (16192460.0) 2016-10-05

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[25] EN
[54] **METHOD AND DRUG FOR PREVENTING AND TREATING OBESITY**
[54] **METHODE ET MEDICAMENT POUR LA PREVENTION ET LE TRAITEMENT DE L'OBESITE**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-12-15 (PCT/CN2017/116562)
[87] (WO2018/108161)
[30] CN (PCT/CN2016/110172) 2016-12-15

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[51] **Int.Cl. E05F 15/668 (2015.01)**
[25] EN
[54] **GATE WITH AN EMERGENCY OPENING DEVICE**
[54] **PORTE COMPORTANT UN DISPOSITIF D'OUVERTURE D'URGENCE**
[72] REJC, GABRIJEL, DE
[71] GABRIJEL REJC GMBH & CO. KG, DE
[85] 2019-06-14
[86] 2017-11-15 (PCT/EP2017/079330)
[87] (WO2018/108424)
[30] DE (10 2016 225 078.7) 2016-12-15

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[51] **Int.Cl. C01B 33/18 (2006.01) A61Q 11/02 (2006.01) C01B 33/193 (2006.01)**
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[54] **STANNOUS COMPATIBLE SILICA**
[54] **SILICE COMPATIBLE AVEC L'ETAIN**
[72] GALLIS, KARL W., US
[72] HAGAR, WILLIAM J., US
[72] NASSIVERA, TERRY W., US
[72] DOLAN, LAWRENCE EDWARD, US
[72] MIDHA, SANJEEV, US
[72] SCHNEIDERMANN, EVA, US
[71] EVONIK DEGUSSA GMBH, DE
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[25] EN
[54] **METHOD FOR CORROSION-PROTECTIVE AND CLEANING PRETREATMENT OF METALLIC COMPONENTS**
[54] **PROCEDE DE PRETRAITEMENT DE PROTECTION ANTI-CORROSION ET DE NETTOYAGE D'ELEMENTS METALLIQUES**
[72] WAWRZYNIAK, JERZY-TADEUSZ, DE
[72] BONGARTZ, NILS, DE
[72] EHMANN, DALIJA, DE
[72] ROSSMAIER, HENRY, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2019-06-14
[86] 2017-11-17 (PCT/EP2017/079534)
[87] (WO2018/114157)
[30] EP (16205069.4) 2016-12-19

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[13] A1
[51] **Int.Cl. F16D 65/097 (2006.01)**
[25] EN
[54] **DISK BRAKE FOR A UTILITY VEHICLE, AND BRAKE PAD SET**
[54] **FREIN A DISQUE POUR UN VEHICULE UTILITAIRE ET JEU DE GARNITURES DE FREIN**
[72] BRANDL, CHRISTIAN, DE
[72] HIDRINGER, MICHAEL, DE
[72] PLEINTINGER, MARTIN, DE
[72] NESMJANOWITSCH, IGOR, DE
[72] FRICKE, JENS, DE
[72] MOLNAR, MARKUS, DE
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
[85] 2019-06-14
[86] 2017-12-13 (PCT/EP2017/082629)
[87] (WO2018/109012)
[30] DE (10 2016 124 310.8) 2016-12-14

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[13] A1
[51] **Int.Cl. A61K 8/36 (2006.01) A61K 8/44 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **LIQUID PERSONAL CLEANSING COMPOSITION**
[54] **COMPOSITION D'HYGIENE CORPORELLE LIQUIDE**
[72] GU, YEYI, CN
[72] VASUDEVAN, TIRUCHERAI VARAHAN, US
[72] KEMLER, KAYLA MARIE, US
[72] KING, ADRIENNE LYN, US
[71] UNILEVER PLC, GB
[85] 2019-06-14
[86] 2017-12-13 (PCT/EP2017/082680)
[87] (WO2018/114536)
[30] CN (PCT/CN2016/111309) 2016-12-21
[30] EP (17155150.0) 2017-02-08

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[13] A1
[51] **Int.Cl. C08L 71/02 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **CURABLE COMPOSITION WITH IMPROVED MECHANICAL PROPERTIES AND HIGH TRANSPARENCY**
[54] **COMPOSITION DURCISSABLE PRESENTANT DES PROPRIETES MECANIQUES AMELIOREES ET UNE TRANSPARENCE ELEVEE**
[72] DAMKE, JAN-ERIK, DE
[72] DESPOTOPOULOU, CHRISTINA, US
[72] BATZGEN, RALF, DE
[72] KLEIN, JOHANN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2019-06-14
[86] 2017-12-07 (PCT/EP2017/081860)
[87] (WO2018/114365)
[30] EP (16204955.5) 2016-12-19

[21] **3,047,188**
[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/496 (2006.01) C07D 403/06 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) A61P 5/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **[4-(PHENYLSULFONYL)PIPERAZIN-1-YL](1H-1,2,3-TRIAZOL-4-YL)METHANONES**
[54] **[4-(PHENYLSULFONYL)PIPERAZIN-1-YL](1H-1,2,3-TRIAZOL-4-YL)METHANONES**
[72] KOPPITZ, MARCUS, DE
[72] SIEBENEICHER, HOLGER, DE
[72] STEUBER, HOLGER, DE
[72] TER LAAK, ANTONIUS, DE
[72] NUBBEMEYER, REINHARD, DE
[72] ROTTMANN, ANTJE, DE
[72] IRLBACHER, HORST, DE
[72] BADER, BENJAMIN, DE
[72] PETERS, MICHAELE, DE
[72] WAGENFELD, ANDREA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083031)
[87] (WO2018/114670)
[30] EP (16205077.7) 2016-12-19

[21] **3,047,189**
[13] A1
[51] **Int.Cl. H02P 9/10 (2006.01) H02J 3/16 (2006.01)**
[25] EN
[54] **A NOVEL REACTIVE POWER OVEREXCITATION REGULATION TECHNOLOGY FOR SYNCHRONOUS GENERATOR**
[54] **NOUVELLE TECHNOLOGIE DE REGULATION DE SUREXCITATION DE PUISSANCE REACTIVE POUR GENERATEUR SYNCHRONE**
[72] WU, LONG, CN
[72] LIU, WEIQUN, CN
[72] SHI, XIANGJIAN, CN
[71] NR ELECTRIC CO., LTD, CN
[71] NR ENGINEERING CO., LTD, CN
[85] 2019-06-14
[86] 2018-04-23 (PCT/CN2018/084026)
[87] (WO2018/161974)
[30] CN (201710130467.1) 2017-03-07

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[13] A1
[51] **Int.Cl. A01K 39/01 (2006.01) A01K 5/02 (2006.01)**
[25] EN
[54] **DRIVER FOR A FEED CHAIN AND FEED CHAIN**
[54] **ENTRAINEUR D'UNE CHAINE A FOURRAGE, ET CHAINE A FOURRAGE**
[72] KUHLMANN, FRANZ JOSEF, DE
[71] KUHLMANN, FRANZ JOSEF, DE
[85] 2019-06-14
[86] 2017-12-11 (PCT/EP2017/082232)
[87] (WO2018/108819)
[30] DE (20 2016 107 093.7) 2016-12-16

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[13] A1
[51] **Int.Cl. C07D 403/06 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **[4-(PHENYLSULFONYL)PIPERAZIN-1-YL](1H-1,2,3-TRIAZOL-4-YL)METHANONES**
[54] **[4-(PHENYLSULFONYL)PIPERAZIN-1-YL](1H-1,2,3-TRIAZOL-4-YL)METHANONES**
[72] KOPPITZ, MARCUS, DE
[72] SIEBENEICHER, HOLGER, DE
[72] STEUBER, HOLGER, DE
[72] TER LAAK, ANTONIUS, DE
[72] NUBBEMEYER, REINHARD, DE
[72] ROTTMANN, ANTJE, DE
[72] IRLBACHER, HORST, DE
[72] BADER, BENJAMIN, DE
[72] PETERS, MICHAELE, DE
[72] WAGENFELD, ANDREA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083037)
[87] (WO2018/114672)
[30] EP (16205075.1) 2016-12-19

[21] **3,047,192**
[13] A1
[51] **Int.Cl. B29D 35/10 (2010.01) B29D 35/04 (2010.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING THREE-DIMENSIONAL ITEMS WITH FLEXIBLE WALLS**
[54] **PROCEDE DE FABRICATION D'ARTICLES TRIDIMENSIONNELS A PAROI SOUPLE**
[72] HERNANDEZ HERNANDEZ, ADRIAN, ES
[72] CREMADES ANTON, DAVID, ES
[71] SIMPLICITY WORKS EUROPE, S.L., ES
[85] 2019-06-14
[86] 2016-12-16 (PCT/ES2016/070902)
[87] (WO2018/109242)

[21] **3,047,193**
[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **ANTIBODY EPITOPE**
[54] **EPITOPE D'ANTICORPS**
[72] LAWSON, ALASTAIR DAVID GRIFFITHS, GB
[72] LIGHTWOOD, DANIEL JOHN, GB
[72] MUNRO, REBECCA JAYNE, GB
[72] O'CONNELL, JAMES PHILIP, GB
[72] PORTER, JOHN ROBERT, GB
[71] UCB BIOPHARMA SPRL, BE
[71] SANOFI, FR
[85] 2019-06-14
[86] 2017-12-13 (PCT/EP2017/082685)
[87] (WO2018/114538)
[30] GB (1621907.3) 2016-12-21

[21] **3,047,194**
[13] A1
[51] **Int.Cl. C10M 149/04 (2006.01) C10M 149/06 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITION COMPRISING DISPERSANT COMB POLYMERS**
[54] **COMPOSITION D'HUILE LUBRIFIANTE COMPRENANT DES POLYMERES EN PEIGNE DISPERSANTS**
[72] YUKI, TSUYOSHI, JP
[72] ARAI, YASUO, JP
[72] MATSUDA, TOMOHIRO, JP
[72] KISHIDA, NOBUHIRO, JP
[71] EVONIK OIL ADDITIVES GMBH, DE
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083038)
[87] (WO2018/114673)
[30] EP (16205042.1) 2016-12-19

[21] **3,047,195**
[13] A1
[51] **Int.Cl. B65D 85/73 (2006.01) B65D 5/42 (2006.01) B65D 51/24 (2006.01) B65D 79/02 (2006.01)**
[25] EN
[54] **SMART PACKAGING FOR BEVERAGE**
[54] **EMBALLAGE INTELLIGENT POUR BOISSON**
[72] THOMPSON, KEENAN, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2019-06-14
[86] 2017-12-14 (PCT/EP2017/082894)
[87] (WO2018/109110)
[30] EP (16204337.6) 2016-12-15

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[13] A1
[51] **Int.Cl. C07D 487/18 (2006.01) A61K 31/4192 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **[(PHENYLSULFONYL)OCTAHYDRO-EPIMINOISOINDOL-YL](1H-1,2,3-TRIAZOL-5-YL)METHANONES**
[54] **[(PHENYLSULFONYL)OCTAHYDRO-EPIMINOISOINDOL-YL](1H-1,2,3-TRIAZOL-5-YL)METHANONES**
[72] KOPPITZ, MARCUS, DE
[72] SIEBENEICHER, HOLGER, DE
[72] STEUBER, HOLGER, DE
[72] TER LAAK, ANTONIUS, DE
[72] NUBBEMEYER, REINHARD, DE
[72] ROTTMANN, ANTJE, DE
[72] IRLBACHER, HORST, DE
[72] BADER, BENJAMIN, DE
[72] PETERS, MICHAELE, DE
[72] WAGENFELD, ANDREA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083045)
[87] (WO2018/114677)
[30] EP (16205078.5) 2016-12-19

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[13] A1
[51] **Int.Cl. C08F 220/06 (2006.01) B32B 27/30 (2006.01) C08F 2/30 (2006.01) C08F 20/06 (2006.01) C08J 5/18 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **MULTI-LAYERED FILM, METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **FEUILLES MULTICOUCHES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION**
[72] MEISE, MARKUS, DE
[72] FUCHS, YANNICK, DE
[72] WITTELER, HELMUT, DE
[72] GARCIA MARCOS, ALEJANDRA, DE
[72] DETERING, JUERGEN, DE
[72] SCHMIDT-HANSBERG, BENJAMIN, DE
[71] BASF SE, DE
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083127)
[87] (WO2018/109200)
[30] EP (16204778.1) 2016-12-16
[30] EP (17189675.6) 2017-09-06

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[13] A1
[51] **Int.Cl. H02M 3/156 (2006.01)**
[25] FR
[54] **CONVERTISSEUR DE TENSION HAUTE FREQUENCE CONTINUE DE TYPE BUCK QUASI-RESONANT**
[54] **HIGH FREQUENCY DC VOLTAGE CONVERTER OF THE QUASI-RESONANT BUCK TYPE**
[72] DUBUS, PATRICK, FR
[72] PERROT, NICOLAS, FR
[71] 3D PLUS, FR
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083094)
[87] (WO2018/109185)
[30] FR (1662501) 2016-12-15

[21] **3,047,199**
[13] A1
[51] **Int.Cl. F16M 11/10 (2006.01) G06Q 20/20 (2012.01) F16M 11/16 (2006.01) F16M 11/20 (2006.01) F16M 11/22 (2006.01) F16M 13/00 (2006.01) G07G 1/00 (2006.01)**
[25] EN
[54] **MOUNTING LINK FOR SUPPORTING A PIECE OF HARDWARE**
[54] **LIAISON DE MONTAGE DESTINEE A SOUTENIR UNE PIECE DE MATERIEL**
[72] BURMESTER, BENNY, DK
[71] ERGONOMIC SOLUTIONS INTERNATIONAL LIMITED, GB
[85] 2019-06-14
[86] 2017-12-20 (PCT/EP2017/083859)
[87] (WO2018/115144)
[30] DK (PA 2016 00781) 2016-12-21

[21] **3,047,200**
[13] A1
[51] **Int.Cl. G01N 29/04 (2006.01) B06B 1/06 (2006.01) G01N 29/22 (2006.01) G01N 29/24 (2006.01) G01N 29/44 (2006.01) G01S 15/89 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR NON-DESTRUCTIVE CHARACTERISATION OF A MATERIAL**
[54] **DISPOSITIF ET PROCEDE DE CARACTERISATION NON-DESTRUCTIVE D'UN MATERIAU**
[72] DUCOUSSO, MATHIEU LOIC, FR
[72] JENSON, FREDERIC, FR
[71] SAFRAN, FR
[85] 2019-06-14
[86] 2017-12-13 (PCT/FR2017/053539)
[87] (WO2018/115640)
[30] FR (1662786) 2016-12-19

[21] **3,047,201**
[13] A1
[51] **Int.Cl. A01H 1/02 (2006.01) A01H 3/00 (2006.01) A01H 5/08 (2018.01) A01H 5/10 (2018.01)**
[25] EN
[54] **COMPLEX TRAITS USING TISSUE TECHNOLOGY**
[54] **TRAITS COMPLEXES UTILISANT LA TECHNOLOGIE TISSULAIRE**
[72] STUURMAN, JEROEN, NL
[71] KEYGENE N.V., NL
[85] 2019-06-14
[86] 2017-12-22 (PCT/EP2017/084300)
[87] (WO2018/115395)
[30] NL (2018058) 2016-12-23

[21] **3,047,202**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **EPIGENETIC MARKERS AND RELATED METHODS AND MEANS FOR THE DETECTION AND MANAGEMENT OF OVARIAN CANCER**
[54] **MARQUEURS EPIGENETIQUES ET METHODES ET MOYENS ASSOCIES POUR LA DETECTION ET LA GESTION DU CANCER DE L'OVAIRE**
[72] WIDSCHWENDTER, MARTIN, AT
[72] JONES, ALLISON, GB
[72] EVANS, IONA, GB
[72] LEMPPIAINEN, HARRI, CH
[72] EICHNER, JOHANNES, DE
[72] RUJAN, TAMAS, CH
[72] WITTENBERGER, TIMO, DE
[72] PAPROTKA, TOBIAS, DE
[72] WAHL, BENJAMIN, DE
[71] EUROFINS GENOMICS EUROPE SEQUENCING GMBH, DE
[71] GENEDATA AG, CH
[71] UCL BUSINESS PLC, GB
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083159)
[87] (WO2018/109212)
[30] EP (16204822.7) 2016-12-16

[21] **3,047,203**
[13] A1
[51] **Int.Cl. A47J 27/04 (2006.01)**
[25] FR
[54] **MODULAR STEAMER ACCESSORY FOR STEAM-HEATING AND/OR -COOKING FOOD CONTAINED IN A CONTAINER**
[54] **ACCESSOIRE CUISEUR VAPEUR MODULAIRE POUR CHAUFFER ET/OU CUIRE A LA VAPEUR DES ALIMENTS CONTENUS DANS UN RECIPIENT**
[72] GUEGAN, LAURENT, FR
[72] DELRUE, OLIVIER, FR
[72] BLOND, LAURENT, FR
[71] SEB S.A., FR
[85] 2019-06-14
[86] 2017-12-18 (PCT/FR2017/053671)
[87] (WO2018/115698)
[30] FR (1662879) 2016-12-20

[21] **3,047,204**
[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01) C07C 51/353 (2006.01) C07C 51/367 (2006.01)**
[25] EN
[54] **UPGRADING LIGNOCELLULOSIC OR CARBOHYDRATE MATERIAL**
[54] **VALORISATION DE MATIERE LIGNOCELLULOSIQUE OU GLUCIDIQUE**
[72] LINBLAD, MARINA, FI
[72] KALDSTROM, MATS, FI
[72] WALLENIUS, SUSANNA, FI
[72] SUNDBLOM, SOREN, FI
[72] SELANTAUS, MAARIA, FI
[72] IKONEN, ELIAS, FI
[71] NESTE OYJ, FI
[85] 2019-06-14
[86] 2017-12-22 (PCT/EP2017/084400)
[87] (WO2018/122169)
[30] EP (16207467.8) 2016-12-30

[21] **3,047,205**
[13] A1
[51] **Int.Cl. C07F 5/00 (2006.01) H01M 10/052 (2010.01) H01M 10/0567 (2010.01) H01M 10/0568 (2010.01) C07F 5/02 (2006.01) C07F 5/05 (2006.01) C07F 5/06 (2006.01)**
[25] FR
[54] **COMPOUNDS BASED ON AN ELEMENT FROM THE BORON GROUP, AND USE THEREOF IN ELECTROLYTE COMPOSITIONS**
[54] **COMPOSES A BASE D'UN ELEMENT DE LA FAMILLE DU BORE ET LEUR UTILISATION DANS DES COMPOSITIONS D'ELECTROLYTES**
[72] MORIZUR, VINCENT, FR
[72] HAYS, PAULINE, FR
[72] DELABOISSIERE, ARTHUR, FR
[72] PARVOLE, JULIEN, FR
[72] PAILLET, SABRINA, FR
[72] ZAGHIB, KARIM, CA
[71] SCE FRANCE, FR
[85] 2019-06-14
[86] 2017-12-22 (PCT/FR2017/053827)
[87] (WO2018/115793)
[30] CA (2953163) 2016-12-23

[21] **3,047,206**
[13] A1
[51] **Int.Cl. C10G 45/58 (2006.01) C07C 51/353 (2006.01) C07C 51/367 (2006.01) C10G 3/00 (2006.01) C10G 65/04 (2006.01)**
[25] EN
[54] **UPGRADING KETOACID**
[54] **VALORISATION DE CETOACIDE**
[72] TIITTA, MARJA, FI
[72] LINDBLAD, MARINA, FI
[71] NESTE OYJ, FI
[85] 2019-06-14
[86] 2017-12-28 (PCT/EP2017/084697)
[87] (WO2018/122296)
[30] EP (16207465.2) 2016-12-30

[21] **3,047,207**
[13] A1
[51] **Int.Cl. B26B 21/22 (2006.01) B26B 21/52 (2006.01)**
[25] EN
[54] **A CONNECTOR ADAPTED FOR WET SHAVING CARTRIDGES PIVOTABLE ABOUT TWO AXES**
[54] **ORGANE DE RACCORDEMENT CONCU POUR DES CARTOUCHES DE RASAGE HUMIDES POUVANT PIVOTER AUTOUR DE DEUX AXES**
[72] KOPELAS, PANAGIOTIS, GR
[72] EFTHIMIADIS, DIMITRIOS, GR
[71] BIC-VIOLEX SA, GR
[85] 2019-06-14
[86] 2018-01-10 (PCT/EP2018/050594)
[87] (WO2018/134103)
[30] EP (17151799.8) 2017-01-17
[30] EP (17151794.9) 2017-01-17

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **EPIGENETIC MARKERS AND RELATED METHODS AND MEANS FOR THE DETECTION AND MANAGEMENT OF CERTAIN CANCERS**
[54] **MARQUEURS EPIGENETIQUES ET PROCEDES ET MOYENS ASSOCIES POUR LA DETECTION ET LA PRISE EN CHARGE DE CERTAINS CANCERS**
[72] WIDSCHWENDTER, MARTIN, AT
[72] JONES, ALLISON, GB
[72] EVANS, IONA, GB
[72] LEMPPIAINEN, HARRI, CH
[72] EICHNER, JOHANNES, DE
[72] RUJAN, TAMAS, CH
[72] WITTENBERGER, TIMO, DE
[72] PAPROTKA, TOBIAS, DE
[72] WAHL, BENJAMIN, DE
[71] EUROFINS GENOMICS EUROPE SEQUENCING GMBH, DE
[71] GENEDATA AG, CH
[71] UCL BUSINESS PLC, GB
[85] 2019-06-14
[86] 2017-12-15 (PCT/EP2017/083170)
[87] (WO2018/109217)
[30] EP (16204822.7) 2016-12-16

[21] **3,047,209**
[13] A1
[51] **Int.Cl. C10G 21/20 (2006.01) C10G 3/00 (2006.01) C10G 21/27 (2006.01) C10G 67/06 (2006.01)**
[25] EN
[54] **HYDROCARBON COMPOSITION AND METHOD FOR PRODUCING A HYDROCARBON COMPOSITION**
[54] **COMPOSITION HYDROCARBONEE ET PROCEDE DE PRODUCTION D'UNE COMPOSITION HYDROCARBONEE**
[72] ROUHIAINEN, MAIJA, FI
[72] NYMAN, TOMI, FI
[72] RAMO, VIRPI, FI
[72] KARVO, ANNA, FI
[71] NESTE OYJ, FI
[85] 2019-06-14
[86] 2017-12-14 (PCT/FI2017/050895)
[87] (WO2018/109278)
[30] FI (20165977) 2016-12-16

[21] **3,047,210**
[13] A1
[51] **Int.Cl. F28F 9/02 (2006.01) F28D 7/06 (2006.01) F28F 9/18 (2006.01) F28F 19/06 (2006.01) F28F 21/08 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROTECTING THE TUBE-SHEET OF A SYNGAS LOOP BOILER**
[54] **APPAREIL ET PROCEDE DE PROTECTION DE LA PLAQUE TUBULAIRE D'UNE CHAUDIERE A BOUCLE DE GAZ DE SYNTHESE**
[72] COLOMBO, MARCO, IT
[72] SARTI, SILVIO, IT
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2019-06-14
[86] 2018-01-18 (PCT/EP2018/051193)
[87] (WO2018/141556)
[30] EP (17425012.6) 2017-01-31

[21] **3,047,211**
[13] A1
[51] **Int.Cl. C07D 307/50 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR SEPARATING FURFURAL**
[54] **PROCEDE ET APPAREIL POUR LA SEPARATION DE FULFURAL**
[72] TAMPER, JUHA, FI
[72] HASSE, HANS, DE
[72] BURGER, JAKOB, DE
[72] GALEOTTI, NADIA, DE
[72] JIRASEK, FABIAN, DE
[71] UPM-KYMMENE CORPORATION, FI
[85] 2019-06-14
[86] 2017-12-22 (PCT/FI2017/050929)
[87] (WO2018/122453)
[30] FI (20166047) 2016-12-30

[21] **3,047,212**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61P 11/06 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **TYROSINE AMIDE DERIVATIVES AS RHO- KINASE INHIBITORS**
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[72] ACCETTA, ALESSANDRO, IT
[72] RANCATI, FABIO, IT
[72] CAPELLI, ANNA MARIA, IT
[72] CLARK, DAVID EDWARD, IT
[72] TISSELLI, PATRIZIA, IT
[72] EDWARDS, CHRISTINE, IT
[72] CHEGUILLAUME, ARNAUD JEAN FRANCOIS AUGUSTE, IT
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[71] CHIESI FARMACEUTICI S.P.A., IT
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[54] **PROCEDE ET APPAREIL POUR LA RECUPERATION DE FULFURAL**
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[72] SALMINEN, JERE, FI
[72] MIETTINEN, MAUNO, FI
[72] TURUNEN, SAMI, FI
[72] VENTOLA, MERI, FI
[72] NISSINEN, VILHO, FI
[71] UPM-KYMMENE CORPORATION, FI
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[54] **METHOD FOR MEASURING A CONCENTRATION OF A GAS**
[54] **PROCEDE ET APPAREIL DE MESURE D'UNE CONCENTRATION D'UN GAZ**
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[71] WILCO AG, CH
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[72] BUCHALOVA, MARIA, US
[72] MOADDEL, TEANOOSH, US
[72] QIU, QIANG, US
[71] UNILEVER PLC, GB
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[54] **SYSTEME DE GENERATION D'AEROSOL AVEC ELECTRODES ET CAPTEURS**
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[72] ROBERT, JACQUES, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **METHOD AND APPARATUS FOR DETECTING A LASER**
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[72] BURGESS, CHRISTOPHER DAVID, GB
[72] TIPPER, SEAN MICHAEL TSI-ONG, GB
[71] THE SECRETARY OF STATE FOR DEFENCE, GB
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[54] **MEDICAL DEVICE AND METHOD FOR MANUFACTURING A MEDICAL DEVICE**
[54] **DISPOSITIF MEDICAL ET PROCEDE DE FABRICATION D'UN DISPOSITIF MEDICAL**
[72] ACHMANN, SABINE, DE
[72] PANKALLA, SEBASTIAN, DE
[72] SEIDEL, JONATHAN, DE
[72] THIELE, MARCEL, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **CONTROLLING ACCESS AND ACCESSING A TRAFFIC NETWORK IN A HIGH DENSITY ENVIRONMENT**
[54] **COMMANDE D'ACCES ET ACCES A UN RESEAU DE TRAFIC DANS UN ENVIRONNEMENT A HAUTE DENSITE**
[72] SMITH, CHRISTOPHER, GB
[71] CLOSE COMMS LIMITED, GB
[85] 2019-06-14
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[54] **BIPOLAR SECONDARY BATTERY, AS WELL AS BATTERY PACK, ELECTRIC VEHICLE, ELECTRIC POWER STORAGE SYSTEM, ELECTRIC POWER TOOL, AND ELECTRONIC APPARATUS COMPRISING THE SAME**
[54] **BATTERIE SECONDAIRE BIPOLAIRE, AINSI QUE BLOC-BATTERIE, VEHICULE ELECTRIQUE, SYSTEME DE STOCKAGE D'ENERGIE ELECTRIQUE, OUTIL ELECTRIQUE ET APPAREIL ELECTRONIQUE LE COMPRENANT**
[72] ASAKAWA, YUICHIRO, JP
[72] UESAKA, SHINICHI, JP
[72] DAIGLE, JEAN-CHRISTOPHE, CA
[72] ZAGHIB, KARIM, CA
[71] MURATA MANUFACTURING CO., LTD., JP
[71] HYDRO-QUEBEC, CA
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[54] **UTILISATION D'ANTICORPS ANTI-SCLEROSTINE DANS LE TRAITEMENT DE L'OSTEOGENESE IMPARFAITE**
[72] JUNKER, UWE, CH
[72] KNEISSEL, MICHAELA, CH
[72] HALL, ANTHONY KENT, NL
[72] EUDY, RENA JOY, US
[72] RIGGS, MATTHEW MANNING, US
[71] MEREO BIOPHARMA 3 LIMITED, GB
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[54] **PANNEAU EXTERIEUR ET SON PROCEDE DE FABRICATION**
[72] SHIRAKAMI, SATOSHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] SHIMIZU, NOBUTAKA, JP
[71] NIPPON STEEL CORPORATION, JP
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[54] **AERATED REACTOR WITH INTERNAL SOLIDS SEPARATION**
[54] **REACTEUR AERE AVEC SEPARATION DE SOLIDES INTERNE**
[72] REMY, MAXIME JOSE JEAN, NL
[72] PRINS, RIENK, NL
[72] VOGELAAR, JACOB CORNELIS THEODORUS, NL
[71] PAQUES I.P. B.V., NL
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[54] **CONSTRUCTIVE ASSEMBLY OF A CONTAINMENT MEANS, INTENDED FOR THE AUTOMATED PRODUCTION OF PHARMACEUTICAL OR BIOTECHNICAL ARTICLES**
[54] **STRUCTURE D'UN CONFINEMENT DESTINEE A LA FABRICATION AUTOMATISEE D'UN ARTICLE PHARMACEUTIQUE OU BIOTECHNOLOGIQUE**
[72] BECHINI, CLAUDIO, IT
[72] SIGWARTH, VOLKER, CH
[71] PHARMA INTEGRATION S.R.L., IT
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[54] **METHOD AND ELECTROLYTIC CELL FOR THE PRODUCTION OF DETERGENTS AND DISINFECTANTS LIQUIDS**
[54] **PROCEDE ET CELLULE ELECTROLYTIQUE POUR LA PRODUCTION DE DETERGENTS ET DE DESINFECTANTS LIQUIDES**
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[71] PICA, MARIO, IT
[71] BUT, IGOR, EE
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[54] **CONTACTLESS DEVICE AND METHOD FOR GENERATING A UNIQUE TEMPORARY CODE**
[54] **DISPOSITIF SANS CONTACT ET PROCEDE DE GENERATION D'UN CODE TEMPORAIRE UNIQUE**
[72] FROLLINI, LORENZO, IT
[71] FROLLINI, LORENZO, IT
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[54] **ANTICORPS MONOCLONAUX ANTI-PCNA ET LEUR UTILISATION**
[72] PORGADOR, ARI-ANGEL, IL
[71] THE NATIONAL INSTITUTE FOR BIOTECHNOLOGY IN THE NEGEV LTD., IL
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[54] **INFORMATION PROCESSING DEVICE, SYSTEM, INFORMATION PROCESSING METHOD, AND STORAGE MEDIUM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, SYSTEME, PROCEDE DE TRAITEMENT D'INFORMATIONS, ET SUPPORT DE STOCKAGE**
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[71] NS SOLUTIONS CORPORATION, JP
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[54] **DISPOSITIF D'ALIMENTATION EN MEDICAMENT**
[72] OMURA, YOSHIHITO, JP
[71] TOSHO, INC., JP
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[54] **PROCEDE ET APPAREIL DE GENERATION D'AEROSOL**
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[72] LIM, HUN IL, KR
[72] LEE, JONG SUB, KR
[72] HAN, DAE NAM, KR
[72] YOON, JIN YOUNG, KR
[72] KIM, YOUNG LEA, KR
[72] JANG, JI SOO, KR
[72] LIM, WANG SEOP, KR
[72] LEE, MOON BONG, KR
[72] JU, SOUNG HO, KR
[72] PARK, DU JIN, KR
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[54] **MATERIAU EN ACIER AUSTENITIQUE PRESENTANT DE REMARQUABES CARACTERISTIQUES DE SURFACE, ET SON PROCEDE DE PRODUCTION**
[72] KIM, YONG-JIN, KR
[72] OH, HONG-YEOL, KR
[72] KANG, SANG-DEOK, KR
[72] LEE, UN-HAE, KR
[72] HA, YU-MI, KR
[71] POSCO, KR
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[54] **INCORPORATION DE MESURES DE COURANT DE MANDRIN DANS UNE INVERSION DE TELEMETRIE ELECTROMAGNETIQUE**
[72] DONDERICI, BURKAY, US
[72] CAPOGLU, ILKER R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **VERIFICATION D'INTEGRITE D'OBJET DANS UN RESEAU DE DELIVRANCE DE CONTENU (CDN)**
[72] CROWDER, WILLIAM, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **SYSTEME DE RECUPERATION DE DISPOSITIF INGERABLE**
[72] JONES, MITCHELL LAWRENCE, US
[72] WAHL, CHRISTOPHER LOREN, US
[72] LILLIS, ALEC JOHN, CA
[71] PROGENITY, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR MODELING AUDIENCE STABILITY OF A MEDIA ASSET SERIES**
[54] **SYSTEMES ET PROCEDES DE MODELISATION DE STABILITE D'AUDIENCES D'UNE SERIE D'ACTIFS MULTIMEDIAS**
[72] STATHACOPOULOS, PAUL, US
[72] MAUGHAN, BENJAMIN H., US
[72] MATTHEWS, SEAN, US
[71] ROVI GUIDES, INC., US
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[54] **POLYMERIC FILMS AND PACKAGES PRODUCED THEREFROM**
[54] **FILMS POLYMERES ET EMBALLAGES PRODUITS A PARTIR DE CEUX-CI**
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[72] MASSEY, ROBERT JAMES, GB
[71] AMCOR FLEXIBLES WINTERBOURNE LIMITED, GB
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[54] **APPAREIL DE DISTRIBUTION DE LIQUIDE POSSEDANT UN ENSEMBLE REGULATION ET PROCEDE D'UTILISATION**
[72] ROSS, RUSSELL F., US
[72] BAKER, ANDREW T., US
[72] HAGAN, LUKE, US
[71] SORRENTO THERAPEUTICS, INC., US
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[54] **PROCEDE ET APPAREIL DE COMMANDE DE LUMIERE POUR CULTURE**
[72] MUANCHART, MANKAEW, TH
[71] MUANCHART, MANKAEW, TH
[85] 2019-06-14
[86] 2017-11-17 (PCT/TH2017/000081)
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[51] **Int.Cl. A01G 9/18 (2006.01)**
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[54] **AIR MOVEMENT CONTROL AND AIR SOURCE DEVICE FOR CULTIVATION**
[54] **DISPOSITIF DE SOURCE D'AIR ET DE COMMANDE DE DEPLACEMENT D'AIR POUR CULTURE**
[72] MUANCHART, MANKAEW, TH
[71] MUANCHART, MANKAEW, TH
[85] 2019-06-14
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[54] **COMPOSITIONS COSMETIQUES**
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[72] WANG, HUA, US
[72] XU, ZHEQUAN, CN
[72] SMAIL, MARY ANN, US
[72] SOJKA, MILAN FRANZ, US
[72] BRATESCU, DANIELA, US
[71] ELC MANAGEMENT LLC, US
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[25] EN
[54] **PACKAGED SKIN TREATMENT COMPOSITION AND METHOD**
[54] **COMPOSITION DE TRAITEMENT DE LA PEAU EMBALLEE ET PROCEDE**
[72] FONTANET, OSVALDO, US
[72] ABBATEPAOLO, PAUL, US
[72] FULLER, JENNIFER, US
[72] PALMER QUINTANO, JENNIFER, US
[72] SHAH, SNEHAL, US
[72] SMAIL, MARY ANN, US
[72] WANG, HUA, US
[72] HAFKIN, ALLAN, US
[71] ELC MANAGEMENT LLC, US
[85] 2019-06-14
[86] 2017-12-05 (PCT/US2017/064764)
[87] (WO2018/111629)
[30] US (62/434,717) 2016-12-15
[30] US (15/598,430) 2017-05-18

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[51] **Int.Cl. C12N 15/62 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **BIFUNCTIONAL PHOSPHOKETOLASE-PHOSPHOTRANSACETYLASE FUSION POLYPEPTIDES**
[54] **POLYPEPTIDES DE FUSION PHOSPHOCETOLASE-PHOSPHOTRANSACETYLASE BIFONCTIONNELS**
[72] ZHU, QUINN QUN, US
[72] TEUNISSEN, PAULA JOHANNA, US
[72] KOZAK, BARBARA URSZULA, US
[72] HOLLANDS, KERRY, US
[71] DANISCO US INC., US
[85] 2019-06-14
[86] 2017-12-12 (PCT/US2017/065680)
[87] (WO2018/111792)
[30] US (62/435,212) 2016-12-16
[30] US (62/520,604) 2017-06-16
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[51] **Int.Cl. G01N 21/31 (2006.01) G01N 21/00 (2006.01) G01N 21/17 (2006.01) G01N 21/62 (2006.01) G01N 21/75 (2006.01) G01N 30/30 (2006.01)**
[25] EN
[54] **SIMULTANEOUS MEASUREMENT OF MULTIPLE ANALYTES OF A LIQUID ASSAY**
[54] **MESURE SIMULTANEE DE PLUSIEURS ANALYTES DANS UN DOSAGE EN MILIEU LIQUIDE**
[72] BRUNELLE, JACQUES, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2019-06-14
[86] 2017-12-12 (PCT/US2017/065737)
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[30] US (62/435,353) 2016-12-16

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[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01) A61B 17/3207 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **BALLOON CATHETERS AND METHODS THEREOF**
[54] **CATHETERS A BALLONNET ET PROCEDES ASSOCIES**
[72] DICLAUDIO, KAREN A., US
[71] C.R. BARD, INC., US
[85] 2019-06-14
[86] 2017-12-12 (PCT/US2017/065839)
[87] (WO2018/111889)
[30] US (62/435,223) 2016-12-16

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[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **MEDICAL BALLOONS, BALLOON CATHETERS, AND METHODS THEREOF**
[54] **BALLONNETS MEDICAUX, CATHETERS A BALLONNET ET METHODES ASSOCIEES**
[72] DICLAUDIO, KAREN A., US
[71] C.R. BARD, INC., US
[85] 2019-06-14
[86] 2017-12-12 (PCT/US2017/065901)
[87] (WO2018/111932)
[30] US (62/435,226) 2016-12-16

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[51] **Int.Cl. F04D 29/06 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01) H02K 5/132 (2006.01)**
[25] EN
[54] **ELECTRICALLY POWERED MOTOR LUBRICANT PRESSURE COMPENSATOR FOR SUBMERSIBLE PUMP MOTOR**
[54] **COMPENSATEUR DE PRESSION DE LUBRIFIANT DE MOTEUR ELECTRIQUE DESTINE A UN MOTEUR DE POMPE SUBMERSIBLE**
[72] CLINGMAN, JAMES C., US
[72] SEMPLE, RYAN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-06-14
[86] 2017-12-04 (PCT/US2017/064498)
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[30] US (62/435,134) 2016-12-16

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[51] **Int.Cl. A61K 31/015 (2006.01) A61K 31/047 (2006.01) A61K 31/18 (2006.01) A61K 31/21 (2006.01) A61K 31/381 (2006.01) A61K 31/4168 (2006.01) C07D 233/20 (2006.01) C07D 265/30 (2006.01) C07D 285/06 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS FOR TREATING GLAUCOMA AND METHODS FOR FABRICATING AND USING THEREOF**
[54] **FORMULATIONS PHARMACEUTIQUES PERMETTANT DE TRAITER LE GLAUCOME ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SAADEH, DENNIS ELIAS, US
[72] BAUM, MARK L., US
[71] HARROW HEALTH, INC., US
[85] 2019-06-14
[86] 2017-12-05 (PCT/US2017/064654)
[87] (WO2018/111619)
[30] US (62/434,942) 2016-12-15

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[51] **Int.Cl. A61G 11/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD CONFIGURED TO PROVIDE EXTRACORPOREAL SUPPORT FOR PREMATURE FETUS**
[54] **SYSTEME ET PROCEDE CONFIGURES POUR FOURNIR UN SUPPORT EXTRACORPOREL POUR UN F□TUS PREMATURE**
[72] FLAKE, ALAN, US
[72] DAVEY, MARCUS, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/065950)
[87] (WO2018/111956)
[30] US (62/434,100) 2016-12-14

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[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/158 (2006.01) A61M 5/168 (2006.01) A61M 11/02 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR ADMINISTERING A MEDICAMENT SUITABLE FOR TREATING A MIGRAINE OR CLUSTER HEADACHE**
[54] **METHODE D'ADMINISTRATION D'UN MEDICAMENT CONVENANT AU TRAITEMENT D'UNE MIGRAINE OU D'UNE ALGIE VASCULAIRE DE LA FACE**
[72] ROSS, RUSSELL F., US
[72] BAKER, ANDREW T., US
[72] HAGAN, LUKE, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2019-06-14
[86] 2017-12-05 (PCT/US2017/064657)
[87] (WO2018/111620)
[30] US (62/435,138) 2016-12-16

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[51] **Int.Cl. B01J 8/00 (2006.01) B01J 4/00 (2006.01) B01J 8/02 (2006.01) B01J 8/18 (2006.01) B01J 19/00 (2006.01) B01J 19/26 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A RECYCLE GAS STREAM UTILIZING AN EJECTOR FOR THE COOLING OF A UNIT OPERATION**
[54] **PROCEDE DE COMMANDE D'UN FLUX DE GAZ DE RECYCLAGE UTILISANT UN EJECTEUR POUR LE REFROIDISSEMENT D'UNE OPERATION UNITAIRE**
[72] SCHARMACH, WILLIAM J., US
[72] KELLY, RICHARD M., US
[72] RASHAD, MOHAMMAD ABDUL-AZIZ, US
[72] LENHERT, YI MA, US
[72] THOMAS, MATTHEW, US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/065977)
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[30] US (15/382,823) 2016-12-19

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[51] **Int.Cl. C10M 141/06 (2006.01) C10M 133/12 (2006.01)**
[25] EN
[54] **LUBRICATING COMPOSITION WITH ALKYLATED NAPHTHYLAMINE**
[54] **COMPOSITION LUBRIFIANTE COMPORTANT UNE NAPHTYLAMINE ALKYLEE**
[72] HANTHORN, JASON J., US
[72] ZHANG, YANSHI, US
[71] THE LUBRIZOL CORPORATION, US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/066088)
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[30] US (62/439,231) 2016-12-27

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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/5365 (2006.01) A61K 31/542 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **BICYCLIC THIAZINE AND OXAZINE DERIVATIVES AS BETA-SECRETASE INHIBITORS AND METHODS OF USE**
[54] **DERIVES DE THIAZINE ET D'OXAZINE BICYCLIQUES EN TANT QU'INHIBITEURS DE BETA-SECRETASE ET PROCEDES D'UTILISATION**
[72] ALLEN, JENNIFER R., US
[72] BOURBEAU, MATTHEW P., US
[72] CHEN, NING, US
[72] LIU, QINGYIAN, US
[72] PETTUS, LIPING H., US
[72] SIEGMUND, AARON C., US
[71] AMGEN INC., US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/066180)
[87] (WO2018/112084)
[30] US (62/434,719) 2016-12-15
[30] US (62/570,429) 2017-10-10

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[51] **Int.Cl. C07D 413/10 (2006.01) A61K 31/5355 (2006.01) A61K 31/5377 (2006.01) A61P 25/28 (2006.01) C07D 265/08 (2006.01) C07D 265/12 (2006.01) C07D 265/30 (2006.01)**
[25] EN
[54] **OXAZINE DERIVATIVES AS BETA-SECRETASE INHIBITORS AND METHODS OF USE**
[54] **DERIVES D'OXAZINE EN TANT QU'INHIBITEURS DE BETA-SECRETASE ET PROCEDES D'UTILISATION**
[72] ALLEN, JENNIFER R., US
[72] BOURBEAU, MATTHEW P., US
[72] CHEN, NING, US
[72] FROHN, MICHAEL J., US
[72] HARRINGTON, PAUL E., US
[72] LIU, QINGYIAN, US
[72] REEVES, COREY, US
[71] AMGEN INC., US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/066177)
[87] (WO2018/112081)
[30] US (62/434,711) 2016-12-15
[30] US (62/570,425) 2017-10-10

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[51] **Int.Cl. C07D 417/10 (2006.01) A61K 31/5415 (2006.01) A61P 25/28 (2006.01) C07D 279/08 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **CYCLOPROPYL FUSED THIAZINE DERIVATIVES AS BETA-SECRETASE INHIBITORS AND METHODS OF USE**
[54] **DERIVES THIAZINE FUSIONNES A UN CYCLOPROPYLE UTILISES EN TANT QU'INHIBITEURS DE LA BETA-SECRETASE ET PROCEDES D'UTILISATION**
[72] ALLEN, JENNIFER R., US
[72] AMEGADZIE, ALBERT, US
[72] BOURBEAU, MATTHEW P., US
[72] CHEN, JIAN J., US
[72] FROHN, MICHAEL J., US
[72] HARRINGTON, PAUL E., US
[72] LOW, JONATHAN D., US
[72] MA, VU V., US
[72] NGUYEN, THOMAS T., US
[72] PICKRELL, ALEXANDER J., US
[72] REEVES, COREY, US
[71] AMGEN INC., US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/066184)
[87] (WO2018/112086)
[30] US (62/434,721) 2016-12-15

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[51] **Int.Cl. C07D 417/10 (2006.01) A61K 31/541 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **THIAZINE DERIVATIVES AS BETA-SECRETASE INHIBITORS AND METHODS OF USE**
[54] **DERIVES DE THIAZINE EN TANT QU'INHIBITEURS DE BETA-SECRETASE ET PROCEDES D'UTILISATION**
[72] BOURBEAU, MATTHEW P., US
[72] HARRINGTON, PAUL E., US
[72] LIU, QINGYIAN, US
[71] AMGEN INC., US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/066179)
[87] (WO2018/112083)
[30] US (62/434,714) 2016-12-15

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[51] **Int.Cl. C07D 417/10 (2006.01) A61K 31/54 (2006.01) A61P 25/28 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 491/056 (2006.01) C07D 498/08 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **1,4-THIAZINE DIOXIDE AND 1,2,4-THIADIAZINE DIOXIDE DERIVATIVES AS BETA-SECRETASE INHIBITORS AND METHODS OF USE**
[54] **DERIVES DE DIOXYDE DE 1,4-THIAZINE ET DE DIOXYDE DE 1,2,4-THIADIAZINE EN TANT QU'INHIBITEURS DE BETA-SECRETASE ET PROCEDES D'UTILISATION**
[72] ALLEN, JENNIFER R., US
[72] BOURBEAU, MATTHEW P., US
[72] BROWN, JAMES A., US
[72] CHEN, NING, US
[72] FROHN, MICHAEL J., US
[72] FU, ZICE, US
[72] LIU, LONGBIN, US
[72] LIU, QINGYIAN, US
[72] PETTUS, LIPING H., US
[72] QIAN, WENYUAN, US
[72] REEVES, COREY, US
[72] SIEGMUND, AARON C., US
[71] AMGEN INC., US
[85] 2019-06-14
[86] 2017-12-13 (PCT/US2017/066197)
[87] (WO2018/112094)
[30] US (62/434,715) 2016-12-15

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 7/00 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **MICRO-CLIMATE-MANGED SKIN CARE, INCLUDING WOUND CARE**
[54] **SOINS DE LA PEAU EN MICROCLIMAT, COMPRENANT DES SOINS DE PLAIE**
[72] NEWTON, CAMILLE ROSE, US
[71] PUREWICK CORPORATION, US
[85] 2019-06-14
[86] 2017-12-14 (PCT/US2017/066306)
[87] (WO2018/118619)
[30] US (15/384,196) 2016-12-19

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[13] A1
[51] **Int.Cl. A01N 43/653 (2006.01) A01N 33/18 (2006.01) A01N 37/18 (2006.01)**
[25] EN
[54] **POLYMORPHS OF HERBICIDAL SULFONAMIDES**
[54] **POLYMORPHES DE SULFONAMIDES HERBICIDES**
[72] NICHOLSON, PAUL, US
[72] KAUFFMAN, KARL, US
[71] FMC CORPORATION, US
[85] 2019-06-14
[86] 2017-12-14 (PCT/US2017/066309)
[87] (WO2018/118621)
[30] US (62/436,519) 2016-12-20

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **EFFECTIVE VACCINATION AGAINST EUROPEAN STRAINS OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS PRIOR TO WEANING**
[54] **VACCINATION EFFICACE CONTRE LES SOUCHES EUROPEENNES DU VIRUS DU SYNDROME REPRODUCTEUR ET RESPIRATOIRE PORCIN (SRRP) AVANT LE SEVRAGE**
[72] CALVERT, JAY GREGORY, US
[72] BALASCH, MONICA, US
[72] FORT, MARIA, US
[72] PEARCE, DOUGLAS S., US
[72] KEITH, MARCIA L., US
[71] ZOETIS SERVICES LLC, US
[85] 2019-06-14
[86] 2017-12-14 (PCT/US2017/066347)
[87] (WO2018/112169)
[30] US (62/434,144) 2016-12-14

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[13] A1
[51] **Int.Cl. B61F 5/52 (2006.01)**
[25] EN
[54] **SIDE FRAME FOR A RAILWAY TRUCK AND METHODS FOR MANUFACTURIN SAME**
[54] **CADRE LATERAL POUR BOGIE FERROVIAIRE ET SON PROCEDE DE FABRICATION**
[72] GOTLUND, ERIK L., US
[72] MANIBHARATHI, ROSHAN N., US
[71] NEVIS INDUSTRIES LLC, US
[85] 2019-06-14
[86] 2017-12-14 (PCT/US2017/066405)
[87] (WO2018/112191)
[30] US (15/378,697) 2016-12-14

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[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61K 45/06 (2006.01) A61P 19/10 (2006.01)**
[25] EN
[54] **DRUG FOR PREVENTING AND TREATING OSTEOPOROSIS AND USE THEREOF**
[54] **MEDICAMENT POUR LA PREVENTION ET LE TRAITEMENT DE L'OSTEOPOROSE ET SES UTILISATIONS**
[72] LI, JINAN, CN
[71] TALENGEN INTERNATIONAL LIMITED, CN
[85] 2019-06-14
[86] 2017-12-15 (PCT/CN2017/116592)
[87] (WO2018/108165)
[30] CN (PCT/CN2016/110163) 2016-12-15

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[13] A1
[51] **Int.Cl. B61F 5/04 (2006.01) B61F 5/06 (2006.01)**
[25] EN
[54] **BOLSTER FOR A RAILWAY TRUCK AND METHOD FOR MANUFACTURING SAME**
[54] **SUPPORT POUR CHARIOT SUR RAILS ET SON PROCEDE DE FABRICATION**
[72] GOTLUND, ERIK L., US
[72] MANIBHARATHI, ROSHAN N., US
[71] NEVIS INDUSTRIES LLC, US
[85] 2019-06-14
[86] 2017-12-14 (PCT/US2017/066427)
[87] (WO2018/112206)
[30] US (15/378,738) 2016-12-14

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[13] A1
[51] **Int.Cl. G16H 20/00 (2018.01) G16H 50/30 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR DEVELOPING AND USING A MICROBIOME-BASED ACTION COMPONENT FOR PATIENT HEALTH**
[54] **SYSTEME ET PROCEDES DE DEVELOPPEMENT ET D'UTILISATION D'UN COMPOSANT D'ACTION A BASE DE MICROBIOME POUR LA SANTE D'UN PATIENT**
[72] WARREN, TRACY, US
[72] JANTZEN, TAMMI, US
[72] GREGORY, KATHERINE, US
[71] WARREN, TRACY, US
[71] JANTZEN, TAMMI, US
[71] GREGORY, KATHERINE, US
[85] 2019-06-14
[86] 2017-12-14 (PCT/US2017/066430)
[87] (WO2018/112209)
[30] US (62/433,990) 2016-12-14

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[13] A1
[51] **Int.Cl. H01M 10/44 (2006.01) H04W 12/08 (2009.01) H02S 40/38 (2014.01) H04B 3/54 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHARGING ELECTRONIC DEVICES IN A CONTROLLED ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DESTINES A DES DISPOSITIFS ELECTRONIQUES DE CHARGE DANS UN ENVIRONNEMENT CONTROLE**
[72] HODGE, STEPHEN LEE, US
[71] GLOBAL TEL*LINK CORP., US
[85] 2019-06-14
[86] 2017-12-14 (PCT/US2017/066435)
[87] (WO2018/112213)
[30] US (15/378,526) 2016-12-14

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CALENDAR SHARING BY ENTERPRISE WEB APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE PARTAGE DE CALENDRIER AU MOYEN D'APPLICATIONS WEB D'ENTREPRISE**
[72] KHWAJA, ANIS, US
[72] OLIGINO, DEAN, US
[71] NASDAQ, INC., US
[85] 2019-06-14
[86] 2017-12-15 (PCT/US2017/066572)
[87] (WO2018/112290)
[30] US (62/435,532) 2016-12-16
[30] US (15/842,480) 2017-12-14

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[13] A1
[51] **Int.Cl. A61K 31/19 (2006.01) A61K 35/741 (2015.01) A61K 35/74 (2015.01)**
[25] EN
[54] **ANTIMICROBIAL YEAST PREPARATION AND METHODS FOR PREPARATION AND USE THEREOF**
[54] **PREPARATION DE LEVURE ANTIMICROBIENNE ET PROCEDES DE PREPARATION ET D'UTILISATION DE CELLE-CI**
[72] NOCEK, JAMES, US
[71] NOCEK, JAMES, US
[85] 2019-06-14
[86] 2017-12-15 (PCT/US2017/066704)
[87] (WO2018/112361)
[30] US (62/434,767) 2016-12-15

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[13] A1
[51] **Int.Cl. C12P 19/02 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING THE PRODUCTION OF ETHANOL FROM CORN FIBER IN A STARCH HYDROLYSIS PROCESS**
[54] **PROCEDE POUR AUGMENTER LA PRODUCTION D'ETHANOL A PARTIR DE FIBRE DE MAIS DANS UN PROCEDE D'HYDROLYSE D'AMIDON**
[72] MILLER, JEFFREY V., US
[72] KELEMEN, BRADLEY ROGER, US
[72] VAN DER KLEY, PIM, US
[72] NIKOLAEV, IGOR, US
[72] CHOW, SU YIN MARINA, US
[72] TSE, MONICA, US
[72] GE, JING, US
[72] TANG, ZHONGMEI, US
[72] CROTTY, KIRSTIN YASUKO NOSE, US
[71] DANISCO US INC., US
[85] 2019-06-14
[86] 2017-12-15 (PCT/US2017/066737)
[87] (WO2018/112376)
[30] US (62/434,883) 2016-12-15

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61K 9/00 (2006.01) A61M 5/158 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **APPLICATION DEVICE FOR A FLUID DELIVERY APPARATUS AND METHOD OF USE**
[54] **DISPOSITIF D'APPLICATION POUR UN APPAREIL DE DISTRIBUTION DE FLUIDE ET PROCEDE D'UTILISATION**
[72] ROSS, RUSSELL F., US
[72] HAGAN, LUKE, US
[72] PECK, AARON, US
[72] YAMADA, ALYSON, US
[72] GANAPATHY, PRATAP, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2019-06-13
[86] 2017-12-05 (PCT/US2017/064642)
[87] (WO2018/111616)
[30] US (62/435,108) 2016-12-16

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[13] A1
[51] **Int.Cl. A01M 21/04 (2006.01) A01M 1/22 (2006.01) A61L 2/12 (2006.01)**
[25] EN
[54] **MICROWAVE APPLICATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'APPLICATION DE MICRO-ONDES**
[72] BRODIE, GRAHAM, AU
[72] TROGOVNIKOV, GRIGORI, AU
[72] FARRELL, PETER, AU
[71] THE UNIVERSITY OF MELBOURNE, AU
[71] GRAINS RESEARCH & DEVELOPMENT CORPORATION, AU
[85] 2019-06-13
[86] 2017-12-20 (PCT/AU2017/051424)
[87] (WO2018/112531)
[30] AU (2016905272) 2016-12-20

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[54] **DISPOSITIF DE SERRAGE A MACHOIRE MOBILE UNIQUE**
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[71] NGUYEN, NHON HOA, AU
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[54] **COUPLING MECHANISM FOR USE WITH A ROLLER TUBE OF A WINDOW TREATMENT AND A MOTORIZED WINDOW TREATMENT**
[54] **MECANISME D'ACCOUPLEMENT DESTINE A ETRE UTILISE AVEC UN TUBE ENROULEUR D'UN SYSTEME DE TRAITEMENT DE FENETRE ET SYSTEME DE TRAITEMENT DE FENETRE A MOTEUR**
[72] KIRBY, DAVID A., US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
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[54] **IMIDAZOPYRROLOPYRIDINE AS INHIBITORS OF THE JAK FAMILY OF KINASES**
[54] **IMIDAZOPYRROLOPYRIDINE EN TANT QU'INHIBITEURS DE LA FAMILLE JAK DE KINASES**
[72] BACANI, GENESIS M., US
[72] CHAI, WENYING, US
[72] KOUDRIAKOVA, TATIANA, US
[72] KRAWCZUK, PAUL J., US
[72] KREUTTER, KEVIN D., US
[72] LEONARD, KRISTI, US
[72] RIZZOLIO, MICHELE C., US
[72] SEIERSTAD, MARK, US
[72] SMITH, RUSSEL C., US
[72] TICHENOR, MARK S., US
[72] VENABLE, JENNIFER D., US
[72] WANG, AIHUA, US
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[54] **TISSUE-BASED BIOLOGICS FOR THE TREATMENT OF INFLAMMATORY AND AUTOIMMUNE DISORDERS**
[54] **PRODUITS BIOLOGIQUES A BASE DE TISSUS POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES ET AUTO-IMMUNS**
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[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[54] **ENHANCED HAT FAMILY TRANSPOSON-MEDIATED GENE TRANSFER AND ASSOCIATED COMPOSITIONS, SYSTEMS, AND METHODS**
[54] **TRANSFERT AMELIORE DE GENES A MEDIATION PAR TRANSPOSON DE LA FAMILLE HAT ET COMPOSITIONS, SYSTEMES ET METHODES ASSOCIES**
[72] LARGAESPADA, DAVID, US
[72] MORIARITY, BRANDEN, US
[72] WEBBER, BEAU, US
[72] OTTO, NEIL, US
[72] KUMAR, SANDEEP, US
[72] HOGDAL, LEAH, US
[71] B-MOGEN BIOTECHNOLOGIES, INC., US
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[54] **CONDUCTOR JACKET AND PROCESS FOR PRODUCING SAME**
[54] **GAINE DE CONDUCTEUR ET SON PROCEDE DE PRODUCTION**
[72] FLORY, ANNY L., US
[72] ESSEGHIR, MOHAMED, US
[72] KMIEC, CHESTER J., US
[72] PATEL, RAJEN M., US
[72] SEVEN, KARL M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **METHOD FOR FORMING A RESISTIVE ELEMENT IN A SUPERCONDUCTING INTERCONNECT STRUCTURE**
[54] **PROCEDE DE FORMATION D'UN ELEMENT RESISTIF DANS UNE STRUCTURE D'INTERCONNEXION SUPRACONDUCTRICE**
[72] SHERMAN, CORY EDWARD, US
[72] KEEBAUGH, SHAWN A, US
[72] FERGUSON, REUBEN C, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR DELIVERING PRODUCTS VIA UNMANNED AERIAL VEHICLES TO DELIVERY LOCATIONS DESIGNATED BY CUSTOMERS**
[54] **SYSTEMES ET PROCEDES POUR DISTRIBUER DES PRODUITS PAR L'INTERMEDIAIRE DE VEHICULES AERIENS SANS PILOTE A DES ENDROITS DE DISTRIBUTION DESIGNES PAR DES CLIENTS**
[72] WINKLE, DAVID C., US
[72] HIGH, DONALD R., US
[72] MATTINGLY, TODD D., US
[71] WALMART APOLLO, LLC, US
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[54] **COMPOSITIONS AND METHODS TO DETECT MOLECULES IN A SAMPLE**
[54] **COMPOSITIONS ET PROCEDES POUR DETECTER DES MOLECULES DANS UN ECHANTILLON**
[72] CHAUM, EDWARD, US
[72] LINDNER, ERNO, US
[71] INFUSENSE CORP., US
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[54] **FILTER WITH PREFORMED END CAPS HAVING NOTCH FEATURE**
[54] **FILTRE DOTE DE CAPUCHONS D'EXTREMITE PREFORMES COMPRENANT UN ELEMENT D'ENCOCHE**
[72] VON SEGGERN, MICHAEL, J., US
[72] ROGERS, JEFFREY E. D., US
[71] BALDWIN FILTERS, INC., US
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[54] **THIN FILM INTERPOSITION FOR BASEMENT MEMBRANE SCAFFOLDS**
[54] **INTERPOSITION DE FILM MINCE POUR ECHAFAUDAGES DE MEMBRANE BASALE**
[72] KLASSEN, CHARLES C., US
[71] IVIVA MEDICAL, INC., US
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[54] **METHODS OF ADMINISTERING HEPCIDIN**
[54] **PROCEDES D'ADMINISTRATION D'HEPCIDINE**
[72] CHAWLA, LAKHMIR, US
[72] TIDMARSH, GEORGE, US
[71] LA JOLLA PHARMACEUTICAL COMPANY, US
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[54] **POLYMERIZING ENZYMES FOR SEQUENCING REACTIONS**
[54] **ENZYMES DE POLYMERISATION POUR DES REACTIONS DE SEQUENCAGE**
[72] ROTHBERG, JONATHAN M., US
[72] REED, BRIAN, US
[72] BHUIYA, MOHAMMAD WADUD, US
[72] PANDEY, MANJULA, US
[72] CHRISTIAN, THOMAS, US
[72] LACKEY, JEREMY, US
[71] QUANTUM-SI INCORPORATED, US
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[54] **CONTINUOUSLY TRANSPOSED CONDUCTORS AND ASSEMBLIES**
[54] **CONDUCTEURS ET ENSEMBLES CONTINUELLEMENT TRANSPOSES**
[72] GRONOWSKI, BOGDAN, US
[72] CAIN, DAVID MARSHALL, US
[72] LEACH, MATTHEW, US
[72] RICHARDSON, CHRISTOPHER, US
[72] STEPHENS, JASON DENNIS, US
[71] ESSEX GROUP, INC., US
[85] 2019-06-14
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[54] **AUTOMATED PROCESS FOR DETERMINING AMOUNT OF MEAT REMAINING ON ANIMAL CARCASS**
[54] **PROCEDE AUTOMATISE POUR DETERMINER LA QUANTITE DE VIANDE RESTANT SUR LA CARCASSE D'UN ANIMAL**
[72] HEALEY, DANIEL, US
[72] SINHA, RAJEEV, US
[72] WEBB, LEWIS, US
[72] JOHNSON, KEITH, US
[72] MIZE, JAMES, US
[71] CRYOVAC, LLC, US
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[51] **Int.Cl. B31F 1/07 (2006.01)**
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[54] **METHOD AND APPARATUS FOR CHANGING ROLLS ON AN EMBOSSER/LAMINATOR MACHINE**
[54] **PROCEDE ET APPAREIL POUR LE CHANGEMENT DE ROULEAUX SUR UNE MACHINE DE GAUFRAGE/STRATIFICATION**
[72] GUSSERT, CORY P., US
[72] BUSHELLE, TYLER D., US
[72] SPINELLI, STEFANO, US
[71] PAPER CONVERTING MACHINE COMPANY, US
[85] 2019-06-14
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[54] **SPLID PHARMACEUTICAL FORMULATIONS OF ASIMADOLINE**
[54] **FORMULATIONS PHARMACEUTIQUES SOLIDES D'ASIMADOLINE**
[72] SHIGETA, KOSUKE, US
[71] TIOGA PHARMACEUTICALS INC., US
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[54] **METHODS FOR AMELIORATING INFUSION REACTIONS**
[54] **PROCEDES POUR AMELIORER DES REACTIONS DE PERFUSION**
[72] BECHARD, JEFFREY P., CA
[72] WALLIS, WAYNE J., CA
[71] ARBUTUS BIOPHARMA CORPORATION, CA
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[86] 2017-12-20 (PCT/US2017/067664)
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[54] **SYSTEM FOR RETAINING AN IMAGE WITHIN A FRAME**
[54] **SYSTEME DE RETENUE D'UNE IMAGE A L'INTERIEUR D'UN CADRE**
[72] SPIRO, STEVEN M., US
[72] DANIELL, STEPHEN S., US
[72] SKEUSE, KEVIN, US
[72] DOWD, PAUL, US
[71] TRACER IMAGING LLC, US
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[54] **SINGLE CELL GENOMIC SEQUENCING USING HYDROGEL BASED DROPLETS**
[54] **SEQUENCAGE GENOMIQUE DE CELLULES UNIQUES A L'AIDE DE GOUTTELETTES A BASE D'HYDROGEL**
[72] LAN, FREEMAN, US
[72] DEMAREE, BENJAMIN, US
[72] CLARK, IAIN, US
[72] ABATE, ADAM R., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/178 (2006.01) A61M 5/31 (2006.01)**
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[54] **CELL DELIVERY SYSTEM AND METHODS OF OPERATION THEREOF**
[54] **SYSTEME D'ADMINISTRATION DE CELLULES ET METHODES DE FONCTIONNEMENT DE CELUI-CI**
[72] MCGROGAN, MICHAEL, US
[71] SANBIO, INC., US
[85] 2019-06-14
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[54] **CRISPR-ARN MODIFIE ET SES UTILISATIONS**
[72] RAHDAR, MEGHDAD, US
[72] PRAKASH, THAZHA P., US
[72] SWAYZE, ERIC E., US
[72] BENNETT, C. FRANK, US
[72] MCMAHON, MOIRA A., US
[71] IONIS PHARMACEUTICALS, INC., US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US
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[51] **Int.Cl. G16H 10/60 (2018.01) G16H 40/20 (2018.01)**
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[54] **METHOD AND SYSTEM TO FACILITATE PATIENT CARE**
[54] **PROCEDE ET SYSTEME POUR FACILITER LES SOINS AUX MALADES**
[72] AYDELOTTE, JAYSON, US
[72] SABRA, JOHN, US
[71] BUELLER RNDS, INC., US
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[51] **Int.Cl. G02B 7/182 (2006.01) G02B 26/10 (2006.01)**
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[54] **SUSPENSION A FLEXION TRANSVERSALE**
[72] OSTASZEWSKI, MIROSLAW A., US
[71] BALL AEROSPACE & TECHNOLOGIES CORP., US
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[54] **COMPOSITIONS AND METHODS USING AN EPIGENETIC INHIBITOR**
[54] **COMPOSITIONS ET PROCEDES UTILISANT UN INHIBITEUR EPIGENETIQUE**
[72] WUCHERPFENNIG, KAI, US
[72] TAY, RONG EN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **CHEMICAL COMPOUNDS AS INHIBITORS OF INTERLEUKIN-1 ACTIVITY**
[54] **COMPOSES CHIMIQUES COMME INHIBITEURS DE L'ACTIVITE INTERLEUKINE-1**
[72] STAFFORD, JEFFREY A., US
[72] VEAL, JAMES M., US
[72] TRZOSS, LYNNIE LIN, US
[72] MCBRIDE, CHRISTOPHER, US
[71] JECURE THERAPEUTICS, INC., US
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[30] US (62/449,431) 2017-01-23
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[51] **Int.Cl. G06K 9/00 (2006.01)**
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[54] **METHOD FOR CLASSIFYING SPECTRA OF OBJECTS HAVING COMPLEX INFORMATION CONTENT**
[54] **PROCEDE DE CLASSIFICATION DE SPECTRES D'OBJETS A CONTENU D'INFORMATION COMPLEXE**
[72] STEINER, GERALD, DE
[72] PREUSSE, GRIT, DE
[72] KOCH, EDMUND, DE
[72] GALLI, ROBERTA, DE
[72] SCHNABEL, CHRISTIAN, DE
[72] PREUSSE, JOHANNA, DE
[71] TECHNISCHE UNIVERSITAT DRESDEN, DE
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[51] **Int.Cl. A21B 1/24 (2006.01)**
[25] EN
[54] **RACK OVEN AND SYSTEMS FOR USING THE SAME**
[54] **FOUR A CHARIOT ET SYSTEMES D'UTILISATION DE CELUI-CI**
[72] NELSON, JOE, US
[72] HILLEBRANDT, JAY, US
[72] BROCK, CHRIS, US
[72] PLOOF, MICHAEL J., US
[72] SETTER, WILLIAM, US
[71] BELSHAW BROS., INC., US
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[30] US (62/465,637) 2017-03-01

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[51] **Int.Cl. H04N 21/485 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM TO DYNAMICALLY CONFIGURE SUBTITLES THROUGH WEARABLE DEVICES**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION DYNAMIQUE DE SOUS-TITRES PAR L'INTERMEDIAIRE DE DISPOSITIFS PORTABLES**
[72] HU, FENGGEN, CN
[72] SHENG, LIBO, CN
[72] ZHOU, JIANGUO, CN
[71] ARRIS ENTERPRISES LLC, US
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[51] **Int.Cl. E21B 33/043 (2006.01) E21B 33/064 (2006.01)**
[25] EN
[54] **PRESSURE CONTROL DEVICE FOR USE WITH A SUBTERRANEAN WELL**
[54] **DISPOSITIF DE COMMANDE DE PRESSION DESTINE A ETRE UTILISE AVEC UN PUITS SOUTERRAIN**
[72] CHAMBERS, JAMES W., US
[72] RING, LEV, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
[85] 2019-06-14
[86] 2018-03-07 (PCT/US2018/021329)
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[30] US (15/597,813) 2017-05-17

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[51] **Int.Cl. C04B 16/08 (2006.01) C04B 28/02 (2006.01) C08J 3/21 (2006.01)**
[25] EN
[54] **USE OF QUARRY FINES AND/OR LIMESTONE POWDER TO REDUCE CLINKER CONTENT OF CEMENTITIOUS COMPOSITIONS**
[54] **UTILISATION DE FINES DE CARRIERE ET/OU DE POUDRE DE CALCAIRE POUR REDUIRE LA TENEUR EN CLINKER DES COMPOSITIONS CIMENTAIRES**
[72] GUYNN, JOHN M., US
[71] ROMAN CEMENT, LLC, US
[85] 2019-06-14
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[87] (WO2018/132429)
[30] US (62/444,736) 2017-01-10
[30] US (62/451,484) 2017-01-27
[30] US (62/451,533) 2017-01-27
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[30] US (15/866,455) 2018-01-09

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[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENABLING COEXISTING HOTSPOT AND DMZ**
[54] **SYSTEME ET PROCEDE POUR AUTORISER UN POINT D'ACCES SANS FIL ET UNE ZONE DEMILITARISEE (DMZ) COEXISTANTS**
[72] CHEN, JIANXIANG, CN
[71] ARRIS ENTERPRISES LLC, US
[85] 2019-06-17
[86] 2016-12-19 (PCT/CN2016/110859)
[87] (WO2018/112716)

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[51] **Int.Cl. A01G 31/04 (2006.01) A01G 9/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AIR FLOW IN A GROW POD**
[54] **SYSTEMES ET PROCEDES DESTINES A LA FOURNITURE D'ECOULEMENT D'AIR DANS UN MODULE DE CULTURE**
[72] MILLAR, GARY BRET, US
[72] STOTT, MARK GERALD, US
[72] TUELLER, TODD GARRETT, US
[72] HURST, MICHAEL STEPHEN, US
[72] BENTLEY, ALAN RAY, US
[72] WOODBURY, TAYLOR JOHN, US
[71] GROW SOLUTIONS TECH LLC, US
[85] 2019-06-14
[86] 2018-05-08 (PCT/US2018/031508)
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[30] US (62/519,304) 2017-06-14
[30] US (62/519,674) 2017-06-14
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[51] **Int.Cl. D21H 13/02 (2006.01) C07D 233/02 (2006.01) D21H 13/08 (2006.01)**
[25] EN
[54] **MANUFACTURE OF ABSORBENT PAPER WITH LOW CHARGE DENSITY IMIDAZOLINIUM CONTAINING DEBONDER COMPOSITIONS**
[54] **FABRICATION DE PAPIER ABSORBANT AVEC UNE COMPOSITION DE DELIEUR CONTENANT DE L'IMIDAZOLINIUM A FAIBLE DENSITE DE CHARGE**
[72] CHEN, YU, US
[72] HOLTMAN, KEVIN M., US
[72] HAMMES, BRIAN S., US
[72] BOETTCHER, JEFFERY J., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2019-06-14
[86] 2018-01-12 (PCT/US2018/013457)
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[30] US (62/446,892) 2017-01-17
[30] US (15/868,073) 2018-01-11

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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD, NETWORK DEVICE AND TERMINAL DEVICE**
[54] **PROCEDE DE TRANSMISSION DE DONNEES, DISPOSITIF DE RESEAU, ET DISPOSITIF TERMINAL**
[72] TANG, HAI, CN
[72] XU, HUA, CA
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-06-17
[86] 2016-12-23 (PCT/CN2016/111732)
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[51] **Int.Cl. E04F 21/22 (2006.01) E04F 21/18 (2006.01)**
[25] EN
[54] **CERAMIC TILE LEVELING BRACKET, PUSHING AND CLAMPING PLIERS AND CERAMIC TILE LEVELING AND LAYING SYSTEM**
[54] **SUPPORT DE MISE A NIVEAU DE CARREAU DE CERAMIQUE, PINCE DE POUSSEE ET DE SERRAGE, ET SYSTEME DE MISE A NIVEAU ET DE POSE DE CARREAU DE CERAMIQUE**
[72] LI, YUEMING, CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
[71] HAINING SHEFFIELD KNIVES CO., LTD., CN
[85] 2019-06-17
[86] 2017-08-07 (PCT/CN2017/096189)
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[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **GUIDEWIRE ADJUSTER AND DELIVERY-SYSTEM CONTROL HANDLE**
[54] **DISPOSITIF DE REGLAGE DE FIL-GUIDE ET POIGNEE DE COMMANDE DE SYSTEME DE DISTRIBUTION**
[72] LEI, RONGJUN, CN
[71] VENUS MEDTECH (HANGZHOU), INC., CN
[85] 2019-06-17
[86] 2017-11-15 (PCT/CN2017/111049)
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[30] CN (201611159030.2) 2016-12-15

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[51] **Int.Cl. H04L 5/00 (2006.01) H04L 25/03 (2006.01) H04L 27/00 (2006.01)**
[25] EN
[54] **REFERENCE SIGNAL TRANSMISSION METHOD AND TRANSMISSION APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE SIGNAL DE REFERENCE**
[72] ZHANG, XI, CN
[72] XU, MINGHUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2019-06-17
[86] 2018-09-14 (PCT/CN2018/105765)
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[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/407 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM CONTAINING ASENAPINE AND POLYSILOXANE OR POLYISOBUTYLENE**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE CONTENANT DE L'ASENAPINE ET UN POLYSILOXANE OU UN POLYISOBUTYLENE**
[72] MOHR, PATRICK, DE
[72] RIETSCHER, RENE, DE
[72] EIFLER, RENE, DE
[72] BOURQUAIN, OLGA, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2019-06-17
[86] 2017-12-19 (PCT/EP2017/083640)
[87] (WO2018/115010)
[30] EP (16205502.4) 2016-12-20
[30] EP (17178268.3) 2017-06-28

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[51] **Int.Cl. A23J 3/20 (2006.01) A23K 10/16 (2016.01) A23L 33/195 (2016.01) A23J 3/14 (2006.01) B01D 15/26 (2006.01) B01D 61/14 (2006.01) C12N 1/08 (2006.01)**
[25] EN
[54] **REMOVAL OF NUCLEIC ACIDS AND FRAGMENTS THEREOF FROM A BIOMASS MATERIAL**
[54] **ELIMINATION D'ACIDES NUCLEIQUES ET DE FRAGMENTS DE CEUX-CI A PARTIR D'UN MATERIAU DE BIOMASSE**
[72] NTOKOU, ELENI, DK
[72] NANDY, SUBIR KUMAR, DK
[71] UNIBIO A/S, DK
[85] 2019-06-17
[86] 2017-12-20 (PCT/EP2017/083683)
[87] (WO2018/115042)
[30] DK (PA 2016 71029) 2016-12-22

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[51] **Int.Cl. A61K 47/68 (2017.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HDAC INHIBITORS-BASED ANTIBODY DRUG CONJUGATES (ADCS) AND USE IN THERAPY**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS (CAM) A BASE D'INHIBITEURS D'HDAC ET LEUR UTILISATION DANS LA THERAPIE**
[72] VESCI, LOREDANA, IT
[72] DE SANTIS, RITA, IT
[72] MILAZZO, FERDINANDO MARIA, IT
[72] GIANNINI, GIUSEPPE, IT
[72] TADDEI, MAURIZIO, IT
[72] FALTONI, VALENTINA, IT
[72] PETRICCI, ELENA, IT
[71] ALFASIGMA S.P.A., IT
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[86] 2018-03-27 (PCT/EP2018/057744)
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[51] **Int.Cl. E21B 34/08 (2006.01) E21B 34/00 (2006.01) E21B 34/10 (2006.01)**
[25] EN
[54] **DOWNHOLE APPARATUS AND METHODS**
[54] **APPAREIL DE FOND DE TROU ET PROCEDES**
[72] CHURCHILL, ANDREW PHILIP, GB
[71] CHURCHILL DRILLING TOOLS LIMITED, GB
[85] 2019-06-17
[86] 2017-12-21 (PCT/GB2017/053853)
[87] (WO2018/115882)
[30] GB (1622213.5) 2016-12-23

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[51] **Int.Cl. G01N 21/67 (2006.01) G01N 21/69 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR OPTICALLY DETECTING THE EMISSIONS OF A PLASMA PRODUCED IN A CONDUCTIVE LIQUID BY MEANS OF ELECTRODES WITH DIFFERENT AREAS IN CONTACT WITH THE LIQUID**
[54] **APPAREIL POUR GENERER L'IONISATION, APPAREIL DE MESURE OPTIQUE ET PROCEDE DE MESURE**
[72] LEUKKUNEN, PETRI, FI
[72] BLOMBERG VON DER GEEST, KALLE, FI
[72] MAKINEN, ARI, FI
[71] OULUN YLIOPISTO, FI
[85] 2019-06-17
[86] 2016-12-16 (PCT/FI2016/050887)
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[51] **Int.Cl. A61K 8/37 (2006.01) A61K 8/04 (2006.01) A61K 8/39 (2006.01) A61K 8/41 (2006.01) A61K 8/42 (2006.01) A61K 8/44 (2006.01) A61K 8/46 (2006.01) A61K 8/86 (2006.01) A61K 8/92 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **FOAMABLE CLEANSING COMPOSITIONS**
[54] **COMPOSITIONS MOUSSANTES DE NETTOYAGE**
[72] KAMPS, NICOLE, GB
[72] VEEGER, MARCEL, GB
[72] THIEMANN, ASTRID, GB
[72] FELLOWS, CAROLINE, GB
[71] DEB IP LIMITED, GB
[85] 2019-06-17
[86] 2018-02-22 (PCT/GB2018/050455)
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[30] GB (1702905.9) 2017-02-23

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[51] **Int.Cl. C08F 210/16 (2006.01) C08J 5/18 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **QUATERNARY AMMONIUM FUEL ADDITIVES**
[54] **COMPOSITIONS D'INTERPOLYMERE D'ETHYLENE/ALPHA-OLEFINE**
[72] DEMIRORS, MEHMET, US
[72] GLAD, BRAYDEN E., US
[72] CONG, RONGJUAN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2019-06-12
[86] 2017-12-06 (PCT/US2017/064826)
[87] (WO2018/111638)
[30] US (62/435,336) 2016-12-16

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[51] **Int.Cl. H04W 84/00 (2009.01) H04H 20/62 (2009.01) H04W 28/16 (2009.01) H04W 28/26 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **A METHOD FOR MANAGING MEDIA STREAMS**
[54] **PROCEDE DE GESTION DE FLUX MULTIMEDIAS**
[72] ALAMAUNU, JYRKI, FI
[72] VIRTANEN, KARI, FI
[72] VARE, JANI, FI
[71] TELESTE OYJ, FI
[85] 2019-06-17
[86] 2016-12-19 (PCT/FI2016/050898)
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[13] A1
[51] **Int.Cl. C22C 23/02 (2006.01) B21C 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING MAGNESIUM ALLOY, AND MAGNESIUM ALLOY**
[54] **PROCEDE DESTINE A LA PRODUCTION D'UN ALLIAGE DE MAGNESIUM ET ALLIAGE DE MAGNESIUM**
[72] MATSUMOTO, YASUNOBU, JP
[72] NAKAGAWA, AKIRA, JP
[72] OGAWA, MASAYOSHI, JP
[72] SAKAI, NAOTO, JP
[72] SHIMIZU, KAZUNORI, JP
[71] SANKYO TATEYAMA, INC., JP
[85] 2019-06-17
[86] 2016-12-16 (PCT/JP2016/087674)
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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/4035 (2006.01) A61K 31/4155 (2006.01) A61K 31/4709 (2006.01) A61P 35/00 (2006.01) C07D 405/06 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 451/02 (2006.01)**
[25] EN
[54] **PYRAN DERVATIVES AS CYP11A1 (CYTOCHROME P450 MONOOXYGENASE 11A1) INHIBITORS**
[54] **DERIVES DE PYRANE EN TANT QU'INHIBITEURS DE CYP11A1 (CYTOCHROME P450 MONOOXYGENASE 11A1)**
[72] DIN BELLE, DAVID, FI
[72] MAKELA, MIKKO, FI
[72] PASSINIEMI, MIKKO, FI
[72] PIETIKAINEN, PEKKA, FI
[72] RUMMAKKO, PETTERI, FI
[72] TIAINEN, EIJA, FI
[72] VAISMAA, MATTI, FI
[72] WOHLFAHRT, GERD, FI
[71] ORION CORPORATION, FI
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[87] (WO2018/115591)
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[51] **Int.Cl. F24C 7/02 (2006.01) F24C 1/00 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **HEATING COOKER**
[54] **APPAREIL DE CUISSON CHAUFFANT**
[72] OTANI, RYOSUKE, JP
[72] KATSUBE, HIROYUKI, JP
[72] YOTA, MASATO, JP
[72] YAMASHITA, SEIICHI, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[86] 2017-12-04 (PCT/JP2017/043404)
[87] (WO2018/154905)
[30] JP (2017-033862) 2017-02-24

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[51] **Int.Cl. G06F 21/62 (2013.01) H04W 12/08 (2009.01)**
[25] EN
[54] **METHOD FOR REGULATING ACCESS TO DATA CONNECTION BY AN ELECTRONIC DEVICE**
[54] **PROCEDE DE REGULATION D'ACCES A UNE CONNEXION DE DONNEES PAR UN DISPOSITIF ELECTRONIQUE**
[72] PINI, GIANLUCA, IT
[72] GIORGETTI, GIANCARLO, IT
[71] PINI, GIANLUCA, IT
[71] GIORGETTI, GIANCARLO, IT
[85] 2019-06-17
[86] 2017-12-18 (PCT/IB2017/058056)
[87] (WO2018/116124)
[30] IT (102016000127897) 2016-12-19
[30] IT (102017000070573) 2017-06-23

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[51] **Int.Cl. C07H 19/06 (2006.01) A61K 47/26 (2006.01) C07H 19/067 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **NUCLEOSIDE DERIVATIVE AND USE THEREOF**
[54] **DERIVE DE NUCLEOSIDE ET UTILISATION ASSOCIEE**
[72] UENO, YOSHIHITO, JP
[71] GIFU UNIVERSITY, JP
[85] 2019-06-17
[86] 2017-12-14 (PCT/JP2017/044995)
[87] (WO2018/110678)
[30] JP (2016-244916) 2016-12-16

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DETECTING GEOGRAPHIC AREAS HAVING ELEVATED SUPPLY AND DEMAND LEVELS**
[54] **PROCEDES ET SYSTEMES DE DETECTION D'AIRES GEOGRAPHIQUES AYANT DES NIVEAUX ELEVES D'OFFRE ET DE DEMANDE**
[72] JOSEPH, ANTHONY, US
[71] GROUPON, INC., US
[85] 2019-06-17
[86] 2017-12-19 (PCT/IB2017/058149)
[87] (WO2018/116171)
[30] US (62/436,270) 2016-12-19

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[13] A1
[51] **Int.Cl. G01N 33/536 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS, DEVICES, AND METHODS OF MIGRAINE HEADACHE FOOD SENSITIVITY TESTING**
[54] **COMPOSITIONS, DISPOSITIFS, ET METHODES DE TEST DE SENSIBILITE ALIMENTAIRE INDUISANT LA CEPHALEE MIGRAINEUSE**
[72] IRANI-COHEN, ZACKARY, US
[72] LADERMAN, ELISABETH, US
[71] BIOMERICA, INC., US
[85] 2019-06-17
[86] 2016-12-20 (PCT/US2016/067873)
[87] (WO2017/112707)
[30] US (62/270,582) 2015-12-21

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[51] **Int.Cl. B01J 7/00 (2006.01) B82Y 40/00 (2011.01) B01J 19/08 (2006.01) B29C 35/04 (2006.01) B29D 7/00 (2006.01) C08J 7/18 (2006.01) H01L 21/31 (2006.01)**
[25] EN
[54] **METHOD FOR DEPOSITING A FUNCTIONAL MATERIAL ON A SUBSTRATE**
[54] **PROCEDE PERMETTANT DE DEPOSER UN MATERIAU FONCTIONNEL SUR UN SUBSTRAT**
[72] HENDRIKS, ROB JACOB, NL
[72] ABEL, PAUL, US
[72] COENEN, ERICA, US
[71] NCC NANO, LLC, US
[85] 2019-06-17
[86] 2016-12-21 (PCT/US2016/068100)
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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **GPS DETERMINED LOCATION BASED ACCESS TO LINKED INFORMATION AND DELIVERY THEREOF**
[54] **ACCES BASE SUR L'EMPLACEMENT DETERMINE PAR GPS A DES INFORMATIONS ASSOCIEES ET DISTRIBUTION DE CELLES-CI**
[72] SHROFF, RAJAT, US
[72] COOPER, AARON, US
[72] CHEUNG, ELTON, US
[72] RENAGHAN, TYLER, US
[72] SULLIVAN, JAMES J., US
[71] GROUPON, INC., US
[85] 2019-06-17
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[87] (WO2018/116184)
[30] US (62/436,266) 2016-12-19

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **COMPOSITIONS, DEVICES, AND METHODS OF PSORIASIS FOOD SENSITIVITY TESTING**
[54] **COMPOSITIONS, DISPOSITIFS ET PROCEDES D'EVALUATION DE LA SENSIBILITE DU PSORIASIS A L'ALIMENTATION**
[72] IRANI-COHEN, ZACKARY, US
[72] LADERMAN, ELISABETH, US
[71] BIOMERICA, INC., US
[85] 2019-06-17
[86] 2016-12-21 (PCT/US2016/068136)
[87] (WO2017/112822)
[30] US (62/270,578) 2015-12-21

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[13] A1
[51] **Int.Cl. C10L 3/10 (2006.01) C09K 8/52 (2006.01)**
[25] EN
[54] **GAS HYDRATE INHIBITORS**
[54] **INHIBITEURS D'HYDRATE DE GAZ**
[72] PARINI, MAURO, US
[72] BALESTRINI, ANDREA, US
[72] GIARDINI, LORENZO, IT
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[71] LAMBERTI S.P.A., IT
[85] 2019-06-17
[86] 2017-12-20 (PCT/EP2017/083928)
[87] (WO2018/115186)
[30] IT (102016000130556) 2016-12-23

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[51] **Int.Cl. B65H 7/02 (2006.01) B41F 17/00 (2006.01) B65H 5/02 (2006.01) B65H 5/24 (2006.01)**
[25] EN
[54] **ENVELOPE PRINTING SYSTEM**
[54] **SYSTEME D'IMPRESSION D'ENVELOPPES**
[72] ROSS, ROBERT C., US
[72] PARKER, KENNETH ORIN, US
[72] DEVEER, JOSEPH MARTIN, US
[71] XANTE CORPORATION, US
[85] 2019-06-17
[86] 2017-01-23 (PCT/US2017/014632)
[87] (WO2018/111318)
[30] US (15/382,649) 2016-12-17

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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **STRENGTH ENHANCING ADMIXTURE FOR CEMENTITIOUS COMPOSITIONS**
[54] **MELANGE AMELIORANT LA RESISTANCE POUR COMPOSITIONS CIMENTAIRES**
[72] BUI, VAN, US
[72] SCHAEF, STEVE, US
[72] SEILER, PAUL HORST, US
[72] LARCH, TREVOR PAUL, US
[72] FREDERICK, KYLE K., US
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2019-06-17
[86] 2017-12-21 (PCT/EP2017/084046)
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[30] US (62/439,278) 2016-12-27

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[51] **Int.Cl. E21B 7/04 (2006.01) E21B 41/00 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **MULTI-LAYER DISTANCE TO BED BOUNDARY (DTBB) INVERSION WITH MULTIPLE INITIAL GUESSES**
[54] **INVERSION DE DISTANCE A LA LIMITE DE LIT (DTBB) MULTICOUCHE AVEC MULTIPLES ESTIMATIONS INITIALES**
[72] SONG, RENCHENG, SG
[72] PAN, LI, SG
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-06-17
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[54] **WHEEL COMPRISING A NON-PNEUMATIC TIRE**
[54] **ROUE COMPRENANT UN PNEU NON PNEUMATIQUE**
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[72] FAVRE, MARC, US
[71] THOMPSON, RONALD H., US
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[54] **ELECTROSURGICAL APPARATUS AND ELECTROSURGICAL INSTRUMENT**
[54] **APPAREIL ELECTROCHIRURGICAL ET INSTRUMENT ELECTROCHIRURGICAL**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] BURN, PATRICK, GB
[72] WHITE, MALCOLM, GB
[72] TURNER, LOUIS, GB
[71] CREO MEDICAL LIMITED, GB
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[54] **SYSTEMS AND METHODS FOR STORING AND RETRIEVING MERCHANDISE AT PRODUCT DISTRIBUTION CENTERS**
[54] **SYSTEMES ET PROCEDES DE STOCKAGE ET DE RECUPERATION DE MARCHANDISES AU NIVEAU DE CENTRES DE DISTRIBUTION DE PRODUITS**
[72] MATTINGLY, TODD D., US
[72] WILKINSON, BRUCE W., US
[71] WALMART APOLLO, LLC, US
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[54] **DISTRIBUTION DE REGLES DE COMMANDE DE SORTIE ET DE LECTURE POUR UNE DIFFUSION EN CONTINU A DEBIT BINAIRE ADAPTATIF**
[72] NUGENT, PAUL ADRIAN, GB
[71] ARRIS ENTERPRISES LLC, US
[85] 2019-06-17
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[54] **SYSTEMES ET PROCEDES DE PERSONNALISATION DU CONTENU D'UN PANNEAU D'AFFICHAGE**
[72] WILKINSON, BRUCE W., US
[72] VUKIN, GREG, US
[72] MATTINGLY, TODD D., US
[72] CANTRELL, ROBERT L., US
[72] HIGH, DONALD R., US
[72] O'BRIEN, JOHN, US
[72] MCHALE, BRIAN G., GB
[72] HALBROOK, COURTLAND J., US
[72] JONES, MATTHEW A., US
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[54] **COLLECTING AND PROCESSING CONTEXT ATTRIBUTES ON A HOST**
[54] **COLLECTE ET TRAITEMENT D'ATTRIBUTS CONTEXTUELS SUR UN HOTE**
[72] GUNDA, LAXMIKANT VITHAL, US
[72] PODDUTURI, VINITH, US
[71] NICIRA, INC., US
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[54] **SYSTEMS AND MECHANISMS FOR DEPLOYING A DOCKING DEVICE FOR A REPLACEMENT HEART VALVE**
[54] **SYSTEMES ET MECANISMES POUR DEPLOYER UN DISPOSITIF D'AMARRAGE POUR UNE VALVULE CARDIAQUE DE REMPLACEMENT**
[72] MANASH, BOAZ, US
[72] ROZEN, YOAV, US
[72] ATIAS, EITAN, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **COMPOSITIONS AND METHODS FOR INHIBITING SEIZURES**
[54] **COMPOSITIONS ET PROCEDES POUR INHIBER LES CRISES D'EPILEPSIE**
[72] HSIAO, ELAINE, US
[72] YANO, JESSICA, US
[72] VUONG, HELEN, US
[72] OLSON, CHRISTINE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **ACCELERATEURS DE DURCISSEMENT LATENTS**
[72] NAPOLI, ALESSANDRO, CH
[72] NAGARKAR, AMIT, CH
[72] SCOBBIE, KENNETH BLACK, CH
[72] ELMER, SUSANNE, CH
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
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[54] **BIPIED D'ARME A FEU**
[72] ROBERTS, TIMOTHY ERIC, US
[72] MAYBERRY, MICHAEL T., US
[71] MAGPUL INDUSTRIES CORP., US
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[54] **SYSTEME DE DISTRIBUTION DE FLUIDE MEDICAL COMPRENANT UNE MISE A JOUR ET UNE COMMANDE DE MACHINE A DISTANCE**
[72] GASSMAN, CHRISTOPHER DANIEL, US
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2019-06-17
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[54] **SYSTEMS AND METHODS FOR UTILIZING PRESSURE RECIPES FOR A GROW POD**
[54] **SYSTEMES ET PROCEDES D'UTILISATION DE RECETTES DE PRESSION POUR UN MODULE DE CULTURE**
[72] MILLAR, GARY BRET, US
[72] HURST, MICHAEL STEPHEN, US
[71] GROW SOLUTIONS TECH LLC, US
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[54] **SYSTEM AND APPARATUS FOR FORMING A COLLAPSIBLE STRUCTURE MADE FROM EXPANDIBLE MATERIAL**
[54] **SYSTEME ET APPAREIL POUR FORMER UNE STRUCTURE PLIABLE FABRIQUEE A PARTIR D'UN MATERIAU EXPANSIBLE**
[72] SKINNER, LESLIE JOHN, AU
[72] HINGSTON, HAMISH, AU
[71] ICEE HOLDINGS PTY LTD, AU
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[54] **COMPOSITIONS AND METHODS FOR TREATING ALPHA-1 ANTITRYPSIN DEFICIENCY**
[54] **COMPOSITIONS ET METHODES POUR TRAITER UNE DEFICIENCE EN ALPHA-1 ANTITRYPSINE**
[72] ODATE, SHOBU, US
[72] STRAPPS, WALTER, US
[72] LESCARBEAU, REYNALD MICHAEL, US
[71] INTELLIA THERAPEUTICS, INC., US
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[54] **ANTI-BCMA HEAVY CHAIN-ONLY ANTIBODIES**
[54] **ANTICORPS A CHAINE LOURDE UNIQUEMENT ANTI-BCMA**
[72] ALDRED, SHELLEY FORCE, US
[72] TRINKLEIN, NATHAN, US
[72] HARRIS, KATHERINE E., US
[72] DANG, KEVIN, US
[72] VAN SCHOOTEN, WIM, US
[71] TENEOBIO, INC., US
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[54] **DECONVOLUTION AND DETECTION OF RARE DNA IN PLASMA**
[54] **DECONVOLUTION ET DETECTION D'ADN RARES DANS LE PLASMA**
[72] ZHANG, KUN, US
[72] DIEP, DINH, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **SYSTEMS AND METHODS FOR CONTROLLING PRODUCTION AND/OR DISTRIBUTION LINES**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE LIGNES DE PRODUCTION ET/OU DE DISTRIBUTION**
[72] DE ANDRADE CHALAR DA SILVA, LUIS FELIPE, BR
[72] DE CARVALHO COSTA, DIEGO, BR
[72] DIAS PINHEIRO, VITOR, BR
[72] MATTOS ALBERTO DOS SANTOS, LEONARDO RODRIGO DANIEL, BR
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[54] **HSD17B13 VARIANTS AND USES THEREOF**
[54] **VARIANTS DE HSD17B13 ET UTILISATIONS CORRESPONDANTES**
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[72] GOTTESMAN, OMRI, US
[72] LI, ALEXANDER, US
[72] CHENG, XIPING, US
[72] XIN, YURONG, US
[72] PEFANIS, EVANGELOS, US
[72] HARTFORD, SUZANNE, US
[72] GROMADA, JESPER, US
[72] DEWEY, FREDERICK E., US
[72] BARAS, ARIS, US
[72] SHULDINER, ALAN, US
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[54] **CONFIGURATION D'ESPACEMENT DE SOUS-PORTEUSES ADAPTATIF**
[72] LY, HUNG, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] JI, TINGFANG, US
[72] MALLADI, DURGA PRASAD, US
[71] QUALCOMM INCORPORATED, US
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[54] **ONDULEUSE MULTI ETAPE DESTINEE A DES AMES DE PANNEAU DE BOIS MIXTE**
[72] BATTY, RONALD J., CA
[71] BONDCORE OU, EE
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[54] **SYSTEM AND METHOD FOR PROVIDING AN AROMATHERAPY SHOWER**
[54] **SYSTEME ET METHODE DE FOURNITURE D~UNE DOUCHE D~AROMATHERAPIE**
[72] ARCHER, SHERI ANN, US
[72] ARCHER, VIRGIL LEE, US
[71] ARCHER, SHERI ANN, US
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[54] **AGENTS DE LIBERATION PEU CORROSIFS DESTINES AUX COMPOSES LIGNOCELLULOSIQUES**
[72] TCHOUKOV, PLAMEN, CA
[72] WESTGEEST, JASON, CA
[72] KROPP, KEVIN, CA
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[72] MEREY, THOMAS G. B., CA
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[54] **SYSTEME ET METHODES DE CLARIFICATION MULTIMEDIA**
[72] ST. GERMAIN, DARIN LYNN, US
[72] FARRELL, JONATHAN BAY, US
[72] PRIMROSE, BRIAN LEE, US
[72] CHRISTIANSON, DARRELL WAYNE, US
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[54] **EXTRACTION D~ACIDE NUCLEIQUE DES MATIERES BIOLOGIQUES HETEROGENES**
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[72] RUSSO, LEILEATA M., US
[72] SKOG, JOHAN KARL OLOV, US
[71] EXOSOME DIAGNOSTICS, INC., US
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[54] **REFORMEUR REGLABLE**
[72] MERRITHEW, LINDSAY G., CA
[72] MERRITHEW, MOIRA M., CA
[72] BHATT, VIRAL, CA
[72] BAEZ, CARLOS, CA
[71] MERRITHEW CORPORATION, CA
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[72] BORAIRI, MAJID, CA
[71] ATOMIC ENERGY OF CANADA LIMITED, CA
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[54] **APPAREIL RESPIRATOIRE POUR INHALATION DE GAZ, MUNI D'UN HUMIDIFICATEUR**
[72] KENYON, BARTON JOHN, AU
[72] YEE, ARTHUR KIN-WAI, AU
[72] PRIMROSE, ROHAN NEIL, AU
[72] SAADA, JIM, AU
[72] SNOW, JOHN MICHEAL, AU
[72] SAPULA, MAREK TOMASZ, AU
[72] CRUMBLIN, GEOFFREY, AU
[72] TREVOR-WILSON, DUNCAN LOVEL, AU
[72] LITHGOW, PERRY DAVID, AU
[72] VIRR, ALEXANDER, AU
[72] RICHMOND, DONALD ANGUS, AU
[72] MURRAY, ANDREW CHARLES, AU
[72] PAYNE, MARK JOHN, AU
[72] JEHA, SIMONE MARIE, AU
[71] RESMED PTY LTD, AU
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[54] **LIGHTING APPARATUS WITH A LIGHT SOURCE COMPRISING LIGHT EMITTING DIODES**
[54] **APPAREIL D'ECLAIRAGE DOTE D'UNE SOURCE DE LUMIERE COMPRENANT DES DIODES ELECTROLUMINESCENTES**
[72] CHINNIAH, JEYACHANDRABOSE, US
[72] MARTINS, JEREMIAS ANTHONY, US
[72] CHOWDHURY, ASHFAQUL ISLAM, US
[72] ROTELLA, ANTHONY, US
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[71] PHILIP MORRIS PRODUCTS S.A., CH
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