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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

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

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

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

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

2,797,690

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

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

2,797,690

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

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html

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

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14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html

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

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7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

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.

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. 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 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

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 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

to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

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 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,

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 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

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
  Tel.: 604-666-5000

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

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

  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

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

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.

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 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

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 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,

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).

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:

(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.

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)

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.

Patents

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

Brevets

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

2.2 Online

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

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.

Patents

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

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents; and
- ordering copies in paper, or electronic form of a document.

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 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.

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

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

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

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

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

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

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 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.

:

- 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 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

Droits d'auteur

Notices

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.

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.

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

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.

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

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.

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.

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

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

Electronic Media accepted by the Patent Office

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

Supports électroniques acceptés par le Bureau des brevets

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

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.

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

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

PDF Format:

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

ASCII

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

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

Format TIFF

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

Format PDF

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

ASCII

- 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 Treaty
- Time period extensions under the Madrid Protocol and the Hague Agreement

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 coopération en matière de brevets
- Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

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;

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;

- 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 (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.

- 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 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,

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

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.

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 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.

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 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

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

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.

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

In case of unforeseen circumstances, CIPO will attempt to 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

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. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

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

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.

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

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.

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

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

- Patent Rules
- Regulations under the PCT
- Trademarks Act
- Trademarks Regulations

- Règlement d'exécution du PCT
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 7, 2020 contains applications open to public inspection from June 21, 2020 to June 27, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 7 juillet 2020 contient les demandes disponibles au public pour consultation pour la période du 21 juin 2020 au 27 juin 2020.

16. Erratum

All information respecting patent application number 3,077,390 referred to under the section *PCT Applications Entering the National Phase* contained in the April 21, 2020 issue of the *Canadian Patent Office Record* was erroneously published, and should be disregarded.

16. Erratum

Toutes les informations relatives à la demande de brevet 3,077,390 dans la liste *des Demandes PCT entrant en phase nationale* contenues dans le numéro 21 avril 2020 de la *Gazette du Bureau des brevets* ont été publiées par erreur et doivent être ignorées.

Canadian Patents Issued

July 7, 2020

Brevets canadiens délivrés

7 juillet 2020

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[54] **FEUILLE FIBREUSE QUI SE DESAGREGE DANS L'EAU, PROCESSUS DE FABRICATION DE LADITE FEUILLE FIBREUSE, NOYAU CONSTITUE DE BANDES DE LADITE FEUILLE FIBREUSE**
[72] COLIN, PHILIPPE, FR
[72] DOZZI, JEAN-CLAUDE, FR
[72] PROBST, PIERRE, FR
[72] WISS, VERONIQUE, FR
[72] RUPPEL, REMY, FR
[73] ESSITY OPERATIONS FRANCE,
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[54] **PROCESS FOR EXTRACTING BITUMEN AND DRYING THE TAILINGS**
[54] **PROCEDE D'EXTRACTION DU BITUME ET DE SECHAGES DES RESIDUS**
[72] KIFT, JULIAN, US
[72] JOSHI, MAHENDRA, US
[72] THOMPSON, WHIP C., US
[72] HOFFMAN, CHERISH M., US
[73] CHEVRON CANADA LIMITED,
[73] CANADIAN NATURAL UPGRADING LIMITED,
[86] (2761555)
[87] (2761555)
[22] 2011-12-09
[30] US (12/964,612) 2010-12-09
[30] US (13/273,975) 2011-10-14

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[25] EN
[54] **ENERGY TRANSFER MACHINES**
[54] **MACHINES DE TRANSFERT D'ENERGIE**
[72] KLASSEN, JAMES BRENT, CA
[73] 1158988 BC LTD.,
[85] 2011-12-16
[86] 2010-06-16 (PCT/CA2010/000881)
[87] (WO2010/145001)
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[51] **Int.Cl. C12N 15/13 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) C07K 14/56 (2006.01) C07K 14/575 (2006.01)**
[25] EN
[54] **IMPROVED ANTI-SERUM ALBUMIN BINDING VARIANTS**
[54] **VARIANTS DE LIAISON ANTI-ALBUMINE SERIQUE AMELIORES**
[72] DE ANGELIS, ELENA, GB
[72] ENEVER, CAROLYN, GB
[72] LIU, HAIQUN, GB
[72] PLUMMER, CHRISTOPHER, GB
[72] SCHON, OLIVER, GB
[73] GLAXO GROUP LIMITED,
[85] 2011-08-19
[86] 2010-02-17 (PCT/EP2010/052008)
[87] (WO2010/094723)
[30] US (61/153,746) 2009-02-19
[30] US (61/163,987) 2009-03-27
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[13] C
[51] **Int.Cl. E04B 7/16 (2006.01) E04B 1/342 (2006.01) E04H 3/14 (2006.01)**
[25] EN
[54] **SELF-SUPPORTING PIER FOR A RETRACTABLE ROOF SYSTEM FOR A LARGE BUILDING STRUCTURE**
[54] **PILIER AUTOPORTANT POUR UN SYSTEME DE TOIT RETRACTABLE POUR UNE GRANDE STRUCTURE DE BATIMENT**
[72] DELANEY, FRANCOIS, CA
[73] DELANEY TECHNOLOGIES INC.,
[85] 2012-01-13
[86] 2009-07-14 (PCT/CA2009/000973)
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[25] EN
[54] **PRESSURE RELIEF DEVICE INTEGRITY SENSOR**
[54] **CAPTEUR D?INTEGRITE DE DISPOSITIF LIMITEUR DE PRESSION**
[72] BRAZIER, GEOF, US
[72] TOMASKO, JOHN, IE
[72] FITZGERALD, LIAM, IE
[72] FARWELL, STEVEN, US
[72] LEAHY, HUGHIE, IE
[73] BS & B SAFETY SYSTEMS LIMITED,
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[25] EN
[54] **HAMMER HEAD AND HANDLE ASSEMBLY**
[54] **TETE ET MANCHE DE MARTEAU**
[72] ONELLO, TIMOTHY SCOTT, US
[72] WEBER, CHARLES, US
[73] JPW INDUSTRIES INC.,
[86] (2773934)
[87] (2773934)
[22] 2012-04-13
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[51] **Int.Cl. A63B 59/20 (2015.01)**
[25] EN
[54] **LACROSSE STICK HEAD WITH OPEN-CHANNELED SIDEWALLS**
[54] **TETE DE BATON DE JEU DE LA CROSSE AVEC PAROIS LATERALES A CANAL OUVERT**
[72] CHUNG, RASYAD, US
[73] CASCADE MAVERIK LACROSSE, LLC,
[86] (2774522)
[87] (2774522)
[22] 2012-04-19
[30] US (13/095,749) 2011-04-27

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[51] **Int.Cl. G06K 9/00 (2006.01) G06F 16/30 (2019.01)**
[25] EN
[54] **SYSTEM AND METHOD OF USING DYNAMIC VARIANCE NETWORKS**
[54] **SYSTEME ET PROCEDE POUR UTILISER DES RESEAUX A VARIANCE DYNAMIQUE**
[72] URBSCHAT, HARRY, DE
[72] MEIER, RALPH, DE
[72] WANSCHURA, THORSTEN, DE
[72] HAUSMANN, JOHANNES, FR
[73] HYLAND SWITZERLAND SARL,
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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6858 (2018.01) C12Q 1/6876 (2018.01) C40B 40/08 (2006.01)**
[25] EN
[54] **GENETIC MARKERS FOR WEIGHT MANAGEMENT AND METHODS OF USE THEREOF**
[54] **MARQUEURS GENETIQUES POUR LA GESTION DU POIDS ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] DRAPER, COLLEEN, US
[72] WILKINS, LEON, US
[72] BRETON, GARY, US
[72] PERUSSE, LOUIS, US
[72] DEBUSK, RUTH, US
[72] RAMAKRISHNAN, SHYAM, US
[72] KREMPIN, LAURIE, US
[73] ACCESS BUSINESS GROUP INTERNATIONAL LLC,
[73] ORIG3N, INC.,
[85] 2012-05-16
[86] 2010-11-18 (PCT/US2010/057195)
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[51] **Int.Cl. A61M 5/28 (2006.01) A61M 5/24 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR CONTAINING AND DISPENSING A MEDICAMENT**
[54] **CARTOUCHE POUR CONTENIR ET DISTRIBUER UN MEDICAMENT**
[72] CRONENBERG, RICHARD, US
[72] VEDRINE, LIONEL, US
[72] BEGLEY, PATRICK, US
[73] BECTON, DICKINSON AND COMPANY,
[85] 2012-05-29
[86] 2010-12-03 (PCT/US2010/003087)
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[13] C
[51] **Int.Cl. A61K 36/31 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **GLUCOSINOLATE FROM CRUCIFEROUS VEGETABLES FOR THE TREATMENT OR PREVENTION OF CARDIOVASCULAR DISEASE**
[54] **GLUCOSINOLATE PROVENANT DE LEGUMES CRUCIFERES DESTINE AU TRAITEMENT OU A LA PREVENTION DE MALADIES CARDIOVASCULAIRES**
[72] MITHEN, RICHARD, GB
[73] PLANT BIOSCIENCE LIMITED,
[85] 2012-06-14
[86] 2010-12-23 (PCT/GB2010/052200)
[87] (WO2011/077163)
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[25] EN
[54] **METHOD AND SYSTEM FOR SACCHARIFYING AND FERMENTING A BIOMASS FEEDSTOCK**
[54] **PROCEDE ET SYSTEME DE SACCHARIFICATION ET DE FERMENTATION DE CHARGES D'ALIMENTATION CONSTITUEES PAR UNE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS, US
[73] XYLECO, INC.,
[85] 2012-06-27
[86] 2010-11-18 (PCT/US2010/057272)
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[13] C
[51] **Int.Cl. C01D 15/08 (2006.01) C01D 7/06 (2006.01) C22B 3/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF LITHIUM CARBONATE**
[54] **PROCEDE POUR LA PRODUCTION DE CARBONATE DE LITHIUM**
[72] TAN, IGNATIUS KIM SENG, AU
[73] TIANQI LITHIUM CORPORATION,
[85] 2012-07-04
[86] 2010-11-19 (PCT/AU2010/001557)
[87] (WO2011/082444)
[30] AU (2010900057) 2010-01-07
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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **IL-6 DETECTION BASED EARLY DIAGNOSIS AND PREDICTION OF SYSTEMIC INFLAMMATORY RESPONSE SYNDROME AND SEPSIS IN ASYMPTOMATIC PATIENTS**
[54] **DIAGNOSTIC ET PREDICTION PRECOCES, SUR LA BASE D'UNE DETECTION IL-6, D'UN SYNDROME DE REPONSE INFLAMMATOIRE SYSTEMIQUE ET DE SEPTICEMIE CHEZ DES PATIENTS ASYMPTOMATIQUES**
[72] GRUEB, SUSANNE, CH
[72] SMOLLE-JUETTNER, FREYJA-MARIA, AT
[72] NEUBOECK, NICOLE, AT
[72] WEINBERG, ANNELIE-MARTINA, AT
[73] F. HOFFMANN-LA ROCHE AG,
[73] MEDIZINISCHE UNIVERSITAET GRAZ,
[85] 2012-07-31
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[54] **IMMUNOGLOBULIN PREPARATION**
[54] **PREPARATION D'IMMUNOGLOBULINE**
[72] BOLLI, REINHARD FRANZ, CH
[72] MAEDER, WERNER, CH
[72] LERCH, PETER, CH
[73] CSL BEHRING AG,
[85] 2012-08-01
[86] 2011-02-03 (PCT/EP2011/051556)
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[51] **Int.Cl. C12M 1/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR IMPROVED OXYGEN PERMEABILITY IN MICROORGANISM STORAGE CONTAINER**
[54] **PROCEDES ET DISPOSITIFS POUR UNE PERMEABILITE A L'OXYGENE AMELIOREE DANS UN CONTENEUR DE STOCKAGE DE MICRO-ORGANISMES**
[72] PEARCE, JEREMY D., GB
[72] HOARE, ANTHONY ROBERT, GB
[72] CARPENTER, MARY ANN, GB
[73] BASF CORPORATION,
[85] 2012-08-03
[86] 2011-02-07 (PCT/US2011/023940)
[87] (WO2011/097587)
[30] US (61/302,228) 2010-02-08

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[25] EN
[54] **METHODS OF DIAGNOSING INFECTIOUS DISEASE PATHOGENS AND THEIR DRUG SENSITIVITY COMPRISING TARGETED MRNA PROBES**
[54] **METHODES DE DIAGNOSTIC DE PATHOGENES DE MALADIE INFECTIEUSE ET LEUR SENSIBILITE AU MEDICAMENT COMPRENANT DES SONDES D'ARNM CIBLEES**
[72] HUNG, DEBORAH, US
[72] GOMEZ, JAMES, US
[72] BARCZAK, AMY, US
[73] THE BROAD INSTITUTE, INC.,
[73] THE GENERAL HOSPITAL CORPORATION,
[85] 2012-08-24
[86] 2011-02-24 (PCT/US2011/026092)
[87] (WO2011/106536)
[30] US (61/307,669) 2010-02-24
[30] US (61/323,252) 2010-04-12

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[51] **Int.Cl. G02C 7/04 (2006.01) G02C 7/06 (2006.01)**
[25] EN
[54] **CONTACT LENSES FOR MYOPIC EYES AND METHODS OF TREATING MYOPIA**
[54] **LENTILLES DE CONTACT POUR MYOPES ET PROCEDES DE TRAITEMENT DE LA MYOPIE**
[72] HOLDEN, BRIEN ANTHONY, AU
[72] SCHMID, GREGOR, US
[72] SANKARIDURG, PADMAJA RAJAGOPAL, AU
[72] HO, ARTHUR, AU
[72] LAZON, PERCY FABIAN, AU
[72] MARTINEZ, ALDO ABRAHAM, SG
[72] SMITH, EARL LEO, III, US
[73] BRIEN HOLDEN VISION INSTITUTE,
[85] 2012-08-31
[86] 2011-03-03 (PCT/AU2011/000235)
[87] (WO2011/106838)
[30] AU (2010900904) 2010-03-03

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[13] C
[51] **Int.Cl. C08F 2/00 (2006.01)**
[25] EN
[54] **CONTINUOUS PROCESS FOR PREPARING POLYFLUOROACRYLATE PARTICLES**
[54] **PROCEDE CONTINU DE PREPARATION DE PARTICULES D'ACRYLATE POLYFLUORE**
[72] TYSON, GEORGE, US
[73] RELYPSA, INC.,
[85] 2012-09-20
[86] 2011-03-18 (PCT/US2011/028950)
[87] (WO2011/119422)
[30] US (61/315,937) 2010-03-20

[11] **2,794,352**
[13] C
[51] **Int.Cl. F24H 1/18 (2006.01) F24H 9/14 (2006.01)**
[25] EN
[54] **WATER HEATER AND METHOD OF OPERATING**
[54] **CHAUFFE-EAU ET MODE DE FONCTIONNEMENT**
[72] ABDEL-REHIM, AYMAN, CA
[72] CHENG, YONGHUA, CA
[72] CHANASYK, LARRY N., CA
[73] A. O. SMITH CORPORATION,
[86] (2794352)
[87] (2794352)
[22] 2012-11-02
[30] US (13/291,467) 2011-11-08

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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 47/50 (2017.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) A61P 37/06 (2006.01) C07K 16/18 (2006.01) C07K 19/00 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **VISTA REGULATORY T CELL MEDIATOR PROTEIN, VISTA BINDING AGENTS AND USE THEREOF**
[54] **VISTA, UNE PROTEINE MEDIATRICE REGULATRICE DES LYMPHOCYTES T, AGENTS DE LIAISON A VISTA ET UTILISATION ASSOCIEE**
[72] NOELLE, RANDOLPH J., US
[72] WANG, LILI, US
[73] TRUSTEES OF DARTMOUTH COLLEGE,
[85] 2012-09-25
[86] 2011-03-25 (PCT/US2011/030087)
[87] (WO2011/120013)
[30] US (12/732,371) 2010-03-26
[30] US (61/390,434) 2010-10-06
[30] US (61/436,379) 2011-01-26
[30] US (61/449,882) 2011-03-07

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[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-VLA-4 ANTIBODIES**
[54] **ANTICORPS ANTI-VLA-4**
[72] LUGOVSKOY, ALEXEY A., US
[72] TAYLOR, FREDERICK R., US
[72] MCLACHLAN, KAREN, US
[73] BIOGEN MA INC.,
[85] 2012-09-27
[86] 2011-04-15 (PCT/US2011/032641)
[87] (WO2011/130603)
[30] US (61/324,944) 2010-04-16

[11] **2,795,162**
[13] C
[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **ESTIMATING INTERVAL VELOCITIES**
[54] **ESTIMATION DE VITESSES D'INTERVALLE**
[72] BULAND, ARILD, NO
[73] STATOIL PETROLEUM AS,
[85] 2012-09-28
[86] 2011-03-29 (PCT/EP2011/054858)
[87] (WO2011/120987)
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[51] **Int.Cl. A61K 31/404 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS FOR IDENTIFYING AND USING INHIBITORS OF CASEIN KINASE 1 EPSILON ISOFORM FOR INHIBITING THE GROWTH AND/OR PROLIFERATION OF MYC-DRIVEN TUMOR CELLS**
[54] **PROCEDES D'IDENTIFICATION ET D'UTILISATION D'INHIBITEURS DE L'ISOFORME EPSILON DE LA CASEINE KINASE 1, DANS L'INHIBITION DE LA CROISSANCE ET/OU DE LA PROLIFERATION DE CELLULES CANCEREUSES INDUITES PAR LE MYC**
[72] GRANDORI, CARLA, US
[72] TOYOSHIMA, MASAFUMI, US
[73] FRED HUTCHINSON CANCER RESEARCH CENTER,
[85] 2012-10-05
[86] 2011-04-06 (PCT/US2011/031460)
[87] (WO2011/127202)
[30] US (61/321,414) 2010-04-06

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[51] **Int.Cl. A01H 5/08 (2018.01) A01H 6/34 (2018.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01)**
[25] EN
[54] **RESISTANCE TO POST HARVEST DETERIORATION IN CUCUMBER**
[54] **RESISTANCE A LA DETERIORATION POST-RECOLTE CHEZ LE CONCOMBRE**
[72] DIRKS, ROBERT HELENE GHISLAIN, NL
[72] VAN DUN, CORNELIS MARIA PETRUS, NL
[72] VELTEROP, JOYCE SYLVIA, NL
[72] KLOET, JOHANNES WILLEM, NL
[73] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V,
[85] 2012-10-17
[86] 2011-05-18 (PCT/EP2011/058077)
[87] (WO2011/144672)
[30] NL (2004748) 2010-05-19

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[25] EN
[54] **NOVEL SELF-ASSEMBLING PEPTIDES AND THEIR USE IN THE FORMATION OF HYDROGELS**
[54] **NOUVEAUX PEPTIDES AUTO-ASSEMBLEURS ET LEUR UTILISATION DANS LA FORMATION D'HYDROGELS**
[72] VESCOVI, ANGELO LUIGI, CH
[72] GELAIN, FABRIZIO, IT
[73] NANOMED3D S.R.L.,
[85] 2012-10-18
[86] 2011-04-19 (PCT/EP2011/056237)
[87] (WO2011/131671)
[30] IB (PCT/IB2010/051700) 2010-04-19

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[13] C
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERCUTANEOUS ELECTRICAL STIMULATION**
[54] **SYSTEMES ET PROCEDES POUR UNE STIMULATION ELECTRIQUE PERCUTANEE**
[72] RUNDLE, KENNETH, US
[72] GALECKI, STEVEN, US
[72] MARKS, MICHAEL, GB
[72] MRVA, JOSEPH, US
[72] SAKAI, JONATHAN, US
[72] STROTHER, ROBERT B., US
[73] SPR THERAPEUTICS, INC.,
[85] 2012-10-26
[86] 2011-04-27 (PCT/US2011/034155)
[87] (WO2011/139779)
[30] US (61/343,325) 2010-04-27

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[13] C
[51] **Int.Cl. C10L 5/44 (2006.01) C08L 97/02 (2006.01) D21H 11/00 (2006.01) D21H 17/33 (2006.01) D21H 17/67 (2006.01) D21H 27/00 (2006.01) D21J 1/00 (2006.01) D21J 3/00 (2006.01)**
[25] EN
[54] **PRODUCTS UTILISING FIBRE AND/OR FIBRE PULP**
[54] **PRODUITS UTILISANT DE LA FIBRE ET/OU DE LA PATE DE FIBRES**
[72] DEAN, TREVOR W. R., GB
[72] HURDING, RICHARD, DE
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P.,
[85] 2012-11-02
[86] 2011-05-04 (PCT/GB2011/050869)
[87] (WO2011/138604)
[30] GB (1007499.5) 2010-05-05

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[13] C
[51] **Int.Cl. B05B 1/20 (2006.01) A01C 23/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR SWITCHING NOZZLES ON THE GO FOR CONTROLLING SPRAY RATE**
[54] **ARRANGEMENT POUR PERMUTER LES BUSES A LA DEMANDE POUR LE CONTROLE DU DEBIT DE PULVERISATION**
[72] FUNSETH, TRAVIS G., US
[72] MERCIER, DAVID S., US
[72] HUMPAL, RICHARD A., US
[73] DEERE & COMPANY,
[86] (2798800)
[87] (2798800)
[22] 2012-12-14
[30] US (13/333,178) 2011-12-21

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[13] C
[51] **Int.Cl. A01K 29/00 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT ANIMAL LITTER**
[54] **LITIERE POUR ANIMAUX LEGERE**
[72] SEGUIN-LAUR, KARI, CA
[73] NORMERICA INC.,
[86] (2799113)
[87] (2799113)
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[54] **DETECTION AND TREATMENT OF ABNORMAL UPPER ESOPHAGEAL SPHINCTER FUNCTIONALITY**
[54] **DETECTION ET TRAITEMENT D'UNE FONCTIONNALITE ANORMALE DU SPHINCTER □SOPHAGIEN SUPERIEUR**
[72] SHAKER, REZA, US
[73] THE MEDICAL COLLEGE OF WISCONSIN, INC.,
[85] 2012-11-16
[86] 2011-05-03 (PCT/US2011/035050)
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[54] **MONITORING NETWORK PERFORMANCE REMOTELY**
[54] **SURVEILLANCE A DISTANCE DE LA PERFORMANCE D'UN RESEAU**
[72] HSY, JOE PEI-WEN, US
[72] LAROSE, PIERRE, CA
[73] BMC SOFTWARE, INC.,
[86] (2799964)
[87] (2799964)
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[25] FR
[54] **DEVICE FOR SEPARATING, AND MAINTAINING A DISTANCE BETWEEN, A PERSON'S FACE AND A PROTECTIVE EYE MASK HELD IN PLACE BY AN ELASTIC STRAP (SKI OR MOTOCROSS TYPE)**
[54] **DISPOSITIF POUR ECARTER -ET MAINTENIR ECARTE- DU VISAGE UN MASQUE DE PROTECTION OCULAIRE MAINTENU PAR UN BANDEAU ELASTIQUE (TYPE SKI OU MOTOCROSS) LORSQU'IL EST PORTE SUR UN CASQUE**
[72] GISQUIERE, SERGE, FR
[73] AIRFLAPS,
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[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING EFFLUENT FROM AT LEAST ONE WASTEWATER TREATMENT PLANT**
[54] **PROCEDE ET SYSTEME POUR FOURNIR UN EFFLUENT D'AU MOINS UNE STATION D'EPURATION DES EAUX USEES**
[72] MAHONY, ROBERT J., US
[73] ESSENTIAL WATER LLC,
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[54] **RIG FUEL MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE CARBURANT D'UNE INSTALLATION DE FORAGE**
[72] BOONE, SCOTT G., US
[73] NABORS DRILLING TECHNOLOGIES USA, INC.,
[85] 2012-11-27
[86] 2010-05-28 (PCT/US2010/036647)
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[54] **OPEN AND INTERACTIVE E-LEARNING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'APPRENTISSAGE EN LIGNE OUVERTS ET INTERACTIFS**
[72] BRIDGES, AARON H., US
[72] DAY, JASON S., US
[72] BLANK, JOSHUA D., US
[72] SPEAR, DONALD S., US
[73] OPENSESAME INC.,
[85] 2012-12-13
[86] 2011-06-10 (PCT/US2011/039966)
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[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING ANALYTE-CONTAINING SAMPLES USING SINGLE-READ DETERMINATION OF ANALYTE AND PROCESS CONTROL SIGNALS**
[54] **PROCEDE ET APPAREILLAGE POUR IDENTIFIER DES ECHANTILLONS CONTENANT UN ANALYTE PAR UTILISATION D'UNE DETERMINATION DE L'ANALYTE PAR UNE LECTURE UNIQUE, ET DE SIGNAUX DE PILOTAGE DU PROCEDE**
[72] JOO, SUNGHAE A., US
[72] DOCKTER, JANEL M., US
[73] GEN-PROBE INCORPORATED,
[85] 2012-12-13
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[25] EN
[54] **PLANT FOR PRODUCTION OF PLASTIC CONTAINERS**
[54] **USINE POUR LA PRODUCTION DE RECIPIENTS EN PLASTIQUE**
[72] ZOPPAS, MATTEO, IT
[72] ARMELLIN, ALBERTO, IT
[72] SERRA, SANDRO, IT
[73] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A.,
[85] 2012-12-19
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[54] **ROAD SAFETY BARRIER**
[54] **BARRIERE DE SECURITE ROUTIERE**
[72] TONKS, MARK, GB
[72] HARRIMAN, MATTHEW, GB
[72] WELLS, STEVE, US
[73] HILL & SMITH LIMITED,
[85] 2013-01-04
[86] 2011-06-29 (PCT/GB2011/000977)
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[25] EN
[54] **SECURITY-ENHANCED COMPUTER SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ORDINATEUR A SURETE AMELIOREE**
[72] WANG, CHEN-HUA, TW
[72] RASKIN, SOFIN, US
[72] ROZENBOIM, LEONID, US
[73] JANUS TECHNOLOGIES, INC.,
[86] (2804726)
[87] (2804726)
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[54] **METHODS AND APPARATUS TO POLL IN WIRELESS COMMUNICATIONS**
[54] **PROCEDES ET APPAREIL D'INTERROGATION DANS DES COMMUNICATIONS SANS FIL**
[72] HOLE, DAVID PHILIP, GB
[72] SNOW, CHRISTOPHER HARRIS, US
[72] ABDEL-SAMAD, AYMAN AHMED, CA
[72] ARORA, DINESH KUMAR, CA
[72] ALMALKI, NAZIH, CA
[73] BLACKBERRY LIMITED,
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[25] EN
[54] **COMPOSITION FOR THE TREATMENT OF SUPERFICIAL LESIONS**
[54] **COMPOSITION DESTINEE AU TRAITEMENT DE LESIONS SUPERFICIELLES**
[72] HENDRIKS, MAIKEL, NL
[72] BOUTER, PIETERNELLA, NL
[72] KOLODZIEJ, KATARZYNA, NL
[73] PROGRESSARE MEDINVEST B.V.,
[85] 2013-01-14
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[25] EN
[54] **ANTI-ADDL MONOCLONAL ANTIBODY AND USES THEREOF**
[54] **ANTICORPS MONOCLONAL ANTI-ADDL ET SES UTILISATIONS**
[72] GASPAR, RENEE C., US
[72] SHUGHRUE, PAUL J., US
[72] WANG, FUBAO, US
[72] WANG, WEIRONG, US
[72] ZHANG, NINGYAN, US
[72] ZHAO, WEI-QIN, US
[72] MCCAMPBELL, ALEXANDER, US
[72] XU, MIN, US
[73] MERCK SHARP & DOHME CORP.,
[85] 2013-01-14
[86] 2011-07-13 (PCT/US2011/043866)
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[51] **Int.Cl. H04N 21/654 (2011.01) H04N 21/45 (2011.01)**
[25] EN
[54] **SERVER LOAD BALANCING FOR INTERACTIVE TELEVISION**
[54] **EQUILIBRAGE DE CHARGE DE SERVEUR POUR TELEVISION INTERACTIVE**
[72] EYER, MARK KENNETH, US
[73] SONY CORPORATION,
[85] 2013-01-21
[86] 2011-03-18 (PCT/US2011/029055)
[87] (WO2012/023998)
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[30] US (13/043,170) 2011-03-08

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[51] **Int.Cl. C07K 14/46 (2006.01)**
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[54] **NOVEL PEPTIDES WHICH HAVE ANALGESIC EFFECTS AND WHICH INHIBIT ASIC CHANNELS**
[54] **NOUVEAUX PEPTIDES AVEC DES EFFETS ANALGESIQUES ET INHIBANT LES CANAUX ASIC**
[72] LINGUEGLIA, ERIC, FR
[72] DIOCHOT, SYLVIE, FR
[72] BARON-FORSTER, ANNE, FR
[72] SALINAS, MIGUEL, FR
[72] LAZDUNSKI, MICHEL, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE,
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[86] 2011-07-26 (PCT/FR2011/051800)
[87] (WO2012/022894)
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[51] **Int.Cl. G05B 17/02 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **HYBRID SEQUENTIAL AND SIMULTANEOUS PROCESS SIMULATION SYSTEM**
[54] **SYSTEME DE SIMULATION DE PROCESSUS SEQUENTIEL ET SIMULTANE HYBRIDE**
[72] CHENG, XU, US
[72] BUSH, KIRT T., US
[73] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC.,
[86] (2806948)
[87] (2806948)
[22] 2013-02-12
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[25] EN
[54] **FLAVONOID-DERIVED ARYL HYDROCARBON RECEPTOR MODULATORS USEFUL IN THE TREATMENT OF CANCER**
[54] **MODULATEURS DU RECEPTEUR D'ARYL D'HYDROCARBONE DERIVE DE FLAVONOIDE UTILES DANS LE TRAITEMENT DU CANCER**
[72] SHERR, DAVID H., US
[72] POLLASTRI, MICHAEL, US
[72] SCHLEZINGER, JENNIFER, US
[72] HAIGH MOLINA, SARAH, US
[72] SCHAUS, SCOTT, US
[72] GIGUERE, JOSHUA ROBERT, US
[73] TRUSTEES OF BOSTON UNIVERSITY,
[73] NORTHEASTERN UNIVERSITY,
[73] BOSTON MEDICAL CENTER CORPORATION,
[85] 2013-01-28
[86] 2011-07-27 (PCT/US2011/045526)
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[54] **INHIBITOR OF CASEIN KINASE 1.DELTA. AND CASEIN KINASE 1.EPSILON.**
[54] **INHIBITEUR DE CASEINE KINASE 1.DELTA. ET CASEINE KINASE 1.EPSILON.**
[72] OKAMOTO, MASAKO, JP
[72] TAKAYAMA, KIYOSHI, JP
[73] NB HEALTH LABORATORY CO. LTD.,
[85] 2013-02-01
[86] 2011-08-08 (PCT/JP2011/068034)
[87] (WO2012/020726)
[30] JP (2010-178549) 2010-08-09

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[25] EN
[54] **CIRCUMFERENTIAL LASER CRAWLER**
[54] **APPAREIL MOTORISE POUR LE DEPLACEMENT D'UN REFLECTEUR LASER**
[72] COOKE, BARRY T., US
[73] THE BOEING COMPANY,
[86] (2807610)
[87] (2807610)
[22] 2013-02-28
[30] US (13/441,239) 2012-04-06

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[51] **Int.Cl. F03D 9/11 (2016.01) F03D 9/25 (2016.01) F03D 9/32 (2016.01) B60L 8/00 (2006.01) F03B 13/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **FLUID DRIVEN GENERATOR**
[54] **GENERATRICE ENTRAINEE PAR FLUIDE**
[72] LOIS, WILLIAM A., US
[73] LOIS, WILLIAM A.,
[86] (2808605)
[87] (2808605)
[22] 2013-03-08

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[51] **Int.Cl. F23R 3/60 (2006.01) F01D 25/08 (2006.01) F02C 7/24 (2006.01)**
[25] EN
[54] **COMBUSTOR HEAT SHIELD**
[54] **CHEMISE THERMIQUE DE CHAMBRE DE COMBUSTION**
[72] MORENKO, OLEG, CA
[72] PATEL, BHAWAN B., CA
[73] PRATT & WHITNEY CANADA CORP.,
[86] (2810028)
[87] (2810028)
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[25] FR
[54] **METHOD FOR SELECTING PROGRESSIVE OPHTHALMIC LENSES**
[54] **METHODE DE SELECTION DE LENTILLES OPHTALMIQUES PROGRESSIVES**
[72] SAYAG, JEAN-PHILIPPE, FR
[72] GRILLON, BENOIT, FR
[73] ACEP FRANCE,
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[51] **Int.Cl. B60J 3/00 (2006.01)**
[25] EN
[54] **MOUNTING STRUCTURE OF VEHICULAR SUNROOF VISOR**
[54] **STRUCTURE DE FIXATION DE PARE-SOLEIL DE TOIT OUVRANT DE VEHICULE**
[72] MISONO, YOSHIMASA, JP
[72] ABE, MASAHIRO, JP
[72] TAKAKURA, HIROSHI, JP
[73] HONDA ACCESS CORP.,
[86] (2812609)
[87] (2812609)
[22] 2013-04-15
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[54] **ACOUSTIC DIFFUSION GENERATOR**
[54] **GENERATEUR DE DIFFUSION ACOUSTIQUE**
[72] HAYES, JOSEPH FRANCIS, AU
[73] ACOUSTIC 3D HOLDINGS LIMITED,
[85] 2013-03-26
[86] 2011-10-20 (PCT/AU2011/001327)
[87] (WO2012/051650)
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[54] **SERVICE DESIGN CENTER FOR DEVICE ASSISTED SERVICES**
[54] **CENTRE DE CONCEPTION DE SERVICES POUR SERVICES ASSISTES PAR UN DISPOSITIF**
[72] RALEIGH, GREGORY G., US
[72] RAISSINIA, ALIREZA, US
[72] LAVINE, JAMES, US
[72] JAMES, JUSTIN, US
[72] GREEN, JEFFREY, US
[73] HEADWATER RESEARCH LLC,
[85] 2013-03-21
[86] 2011-09-28 (PCT/US2011/001675)
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[25] EN
[54] **SYSTEM AND METHOD OF USER CODE SYNCHRONIZATION WITH Z-WAVE DOOR LOCKS**
[54] **SYSTEME ET METHODE DE SYNCHRONISATION DE CODES UTILISATEURS AVEC DES SERRURES DE PORTE A ONDES Z**
[72] LEE, ALBERT, US
[72] CHEN, HONG-JYH, US
[72] KLIMAN, LINCOLN WIDGOFF, US
[72] BARAHONA, JAIME E., US
[73] HONEYWELL INTERNATIONAL INC.,
[86] (2813989)
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[51] **Int.Cl. B60P 7/04 (2006.01)**
[25] EN
[54] **ROLLING TARPAULIN SYSTEM FOR SELECTIVELY COVERING AND UNCOVERING TRAILERS FOR TRUCKS**
[54] **SYSTEME DE BACHE ROULANTE PERMETTANT DE COUVRIR ET DE DECOUVRIR DE FACON SELECTIVE DES REMORQUES DE CAMIONS**
[72] PETELKA, BRIAN, CA
[73] PETELKA INVESTMENTS LTD.,
[86] (2814515)
[87] (2814515)
[22] 2013-04-30
[30] US (61/640,414) 2012-04-30

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[13] C
[51] **Int.Cl. B62B 5/00 (2006.01) A47F 10/04 (2006.01) B42D 15/04 (2006.01) B62B 3/00 (2006.01) G07F 1/00 (2006.01)**
[25] EN
[54] **SHOPPING CART COIN KEY DISPLAY**
[54] **PRESENTOIR DE PIECES DE MONNAIE ET CLES POUR CHARIOT**
[72] CROUTCH, DAVID R., CA
[73] CROUTCH, DAVID R.,
[86] (2815061)
[87] (2815061)
[22] 2013-05-01

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[13] C
[51] **Int.Cl. B64C 1/00 (2006.01) B64F 5/10 (2017.01) B64C 1/14 (2006.01)**
[25] EN
[54] **JOINING COMPOSITE FUSELAGE SECTIONS ALONG WINDOW BELTS**
[54] **REUNION DE SECTIONS DE FUSELAGE COMPOSITES LE LONG DE MEMBRURES DE FENETRE**
[72] DOPKER, BERNHARD, US
[72] CHAN, WALLACE CHI-HUA, US
[72] OSTROFF, HENRI MICHAEL, US
[73] THE BOEING COMPANY,
[86] (2815528)
[87] (2815528)
[22] 2013-05-09
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[51] **Int.Cl. B65D 75/00 (2006.01)**
[25] EN
[54] **PACKAGING ASSEMBLY FOR CAR FLOOR MATS**
[54] **ENSEMBLE D'EMBALLAGE POUR TAPIS DE VOITURE**
[72] BROWN, WARWICK JAMES, AU
[72] MATTHEWS, GILES FREDERICK, AU
[73] WHO-RAE AUSTRALIA LLC,
[86] (2816200)
[87] (2816200)
[22] 2013-05-17
[30] AU (2013900190) 2013-01-21
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[51] **Int.Cl. A01G 31/06 (2006.01)**
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[54] **MODULAR VEGETATED ROOF SYSTEM**
[54] **SYSTEME DE TOIT VEGETALISE MODULAIRE**
[72] BUIST, RICHARD J., CA
[72] HERMANN, WALTER A., CA
[73] BIOROOF SYSTEMS INC.,
[73] GREEN INNOVATIONS LTD.,
[86] (2817602)
[87] (2817602)
[22] 2013-06-04
[30] US (61/659,194) 2012-06-13
[30] US (13/804,623) 2013-03-14

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[13] C
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[25] EN
[54] **DISPLACEMENT GENERATOR FOR FATIGUE ANALYSIS OF FLOATING PRODUCTION AND STORAGE UNIT PROCESS AND UTILITY PIPING**
[54] **GENERATEUR DE DEPLACEMENT POUR L'ANALYSE DE LA FATIGUE D'UNE PRODUCTION FLOTTANTE ET PROCEDE D'UNITE DE STOCKAGE ET TUYAUTERIE UTILITAIRE**
[72] ROBLETO, ROBERT AURELIUS, US
[73] KELLOGG BROWN & ROOT LLC,
[85] 2013-05-14
[86] 2011-10-05 (PCT/US2011/054888)
[87] (WO2012/051019)
[30] US (12/902,736) 2010-10-12

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[13] C
[51] **Int.Cl. G05D 23/19 (2006.01) F24F 11/88 (2018.01)**
[25] EN
[54] **THERMOSTAT CIRCUITRY FOR CONNECTION TO HVAC SYSTEMS**
[54] **ENSEMBLE DE CIRCUITS DE THERMOSTAT POUR UN RACCORDEMENT A DES SYSTEMES CVCA**
[72] WARREN, DANIEL, US
[72] FIENNES, HUGO, US
[72] DUTRA, JONATHON, US
[72] BELL, DAVID, US
[72] FADELL, ANTHONY, US
[72] ROGERS, MATTHEW, US
[73] GOOGLE LLC,
[85] 2013-05-16
[86] 2011-11-18 (PCT/US2011/061339)
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[30] US (61/415,771) 2010-11-19
[30] US (61/429,093) 2010-12-31
[30] US (13/034,674) 2011-02-24

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[72] SLEEMAN, MARK, AU
[72] HARP, JOYCE, US
[73] REGENERON PHARMACEUTICALS, INC.,
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[54] **SYSTEME DE RADIONAVIGATION PAR SATELLITE A ARCHITECTURE DISTANTE**
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[72] PIETIN, DAVID, FR
[72] BOUNIOL, PIERRE, FR
[73] THALES,
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[54] **SYSTEME DE COUVERTURE DE BAIGNOIRE DE SPA**
[72] GARDENIER, W. JOHN, US
[72] TOURNAS, ANDREW, US
[72] FABIANI, MICHAEL A., US
[73] HOTTUBPRODUCTS.COM, LLC,
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[54] **APPARATUS FOR MANUFACTURING A FLANGED COMPOSITE COMPONENT AND METHODS OF MANUFACTURING THE SAME**
[54] **APPAREIL POUR FABRIQUER UN ELEMENT COMPOSITE A BRIDE ET SON PROCEDE DE FABRICATION**
[72] KIRKPATRICK, BOWDEN, US
[72] VERMILYEA, MARK ERNEST, US
[72] LAMM, DERRICK WAYNE, US
[72] BRAMELL, MELISSA ANN MARIE, US
[72] CALLAHAN, DAVID LOUIS, US
[72] SEABREASE, JASON MICHAEL, US
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[54] **ENSEMBLE POUR CONDUITE**
[72] MUNZENBERGER, HERBERT, DE
[73] HILTI AKTIENGESELLSCHAFT,
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[54] **AUBE DE TURBOMACHINE A LOI D'EMPILAGE AMELIOREE**
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[72] PERROT, VINCENT, FR
[73] SNECMA,
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[54] **DISSOLUTION DE CELLULOSE OXYDEE ET PREPARATION DE PARTICULES PAR DISPERSION ET NEUTRALISATION**
[72] TRAMONTANO, VALENTINO, US
[72] BLASKOVICH, PHILLIP, US
[72] OHRI, RACHIT, US
[72] COSTA, DANIEL S., US
[72] KENNEDY, JOSHUA, US
[72] FAROOQI, SAJIDA, US
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[54] **PROCEDE DE TRACE DE DIAGRAMMES AXES SUR DES CIBLES DANS LES INDUSTRIES DES FEUILLES PLANES**
[72] MAHENDRA BABU SUNKARA, GOKUL, US
[72] PALANISAMY, LINGATHURAI, US
[72] KOPADI, MANGESH DATTATRAYA, US
[73] HONEYWELL ASCA INC.,
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[54] **PROCEDE DE DEPOLYMERISATION D'UN POLYESTER CONTENANT UN DICARBOXYLATE DE FURANE POLYESTER**
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[72] OLSON, MICHAEL LEROY, US
[73] FURANIX TECHNOLOGIES B.V.,
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[54] **LOCALISATION DE PANNES GENERANT DES DECHARGES PARTIELLES**
[72] SALES CASALS, LLUIS-RAMON, IT
[72] FRANCHI BONONI, STEFANO, IT
[72] CANDELA, ROBERTO, IT
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[54] **ENSEMBLE CONTACT ELECTRIQUE A HAUTE VITESSE**
[72] PHILLIPS, DAVID A., US
[72] HICKEY, ERIC P., US
[73] AMPHENOL CORPORATION,
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[72] SORENSON, JAMES CHRISTOPHER, III, US
[73] AMAZON TECHNOLOGIES, INC.,
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[72] BOLLIN, DOUGLAS J., DE
[72] BOLLIN, SEAN, US
[72] WILTSE, DANIEL L., US
[73] DEERE & COMPANY,
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[54] **COMPOSITIONS, DISPOSITIFS ET PROCEDES D'UTILISATION DE CELLES-CI DANS LE TRAITEMENT DES CANCERS**
[72] LEUNG, KARLING ALICE, US
[73] INTARCIA THERAPEUTICS, INC.,
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[54] **DISPOSITIF ET PROCEDE DE GENERATION DE MICRO-RESEAUX MOLECULAIRES**
[72] ROTH, GUNTER, DE
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[73] ALBERT-LUDWIGS-UNIVERSITAT FREIBURG,
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[54] **ORGANIC AMINE SALTS OF AZILSARTAN, PREPARATION METHOD AND USE THEREOF**
[54] **SELS D'AMINE ORGANIQUE D'AZILSARTAN, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[72] PAN, BIGAO, CN
[72] HUANG, LONGBIN, CN
[72] YANG, BAOHAI, CN
[73] JIANGSU HANSOH PHARMACEUTICAL CO., LTD.,
[73] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.,
[73] JIANGSU HANSOH MEDICINE INSTITUTE CO., LTD.,
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[54] **CREATION OF VIDEO BOOKMARKS VIA SCRIPTED INTERACTIVITY IN ADVANCED DIGITAL TELEVISION**
[54] **CREATION DE SIGNETS VIDEO PAR L'INTERMEDIAIRE D'UNE INTERACTIVITE PREPAREE A L'AVANCE DANS UNE TELEVISION NUMERIQUE AVANCEE**
[72] EYER, MARK, US
[73] SONY CORPORATION,
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[54] **LIPIDES PEGYLES ET LEUR UTILISATION POUR UNE ADMINISTRATION DE MEDICAMENT**
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] MANOHARAN, MUTHIAH, US
[72] JAYARAMAN, MUTHUSAMY, US
[72] MAIER, MARTIN, US
[72] JAYAPRAKASH, NARAYANANNAIR K., US
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[73] ALNYLAM PHARMACEUTICALS, INC.,
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[54] **IMPLANT ORTHOPEDIQUE POUR LE TRAITEMENT DES DIFFORMITES OSSEUSES**
[72] ROBINSON, DROR, IL
[72] BARKAI, NIR, IL
[72] SHAHAR, MARK, IL
[72] SCHON, LEW, US
[73] BONFIX LTD.,
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[54] **INSTRUMENT MEDICAL, PROCEDE ET SYSTEME POUR OCCLUSION TEMPORAIRE D'UNE OUVERTURE DANS UNE LUMIERE DU CORPS**
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[54] **PNEUMATIC ALTERNATING PRESSURE MEMBRANE CELL SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION DE CELLULES MEMBRANAIRE A PRESSION ALTERNEE PNEUMATIQUE**
[72] PRALONG, ALAIN, NL
[72] DELLENBACH, HANS ULRICH, NL
[73] JANSSEN VACCINES & PREVENTION B.V.,
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[54] **PROCESS FOR TREATING PLANT OIL**
[54] **PROCEDE DE TRAITEMENT D'HUILE VEGETALE**
[72] SOE, JORN BORCH, DK
[72] JORGENSEN, TINA LILLAN, DK
[72] LAURIDSEN, LENE, DK
[72] MIKKELSEN, RENE, DK
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[54] **MIROIR DEFORMABLE A CAPTEURS CAPACITIFS**
[72] ROOMS, FREDERIC CHRISTIAN ROBERT, FR
[72] CHARTON, JULIEN GERARD ERNEST, FR
[72] BARRAULT, MICHEL RAYMOND, FR
[73] ALPAO,
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[72] DELAYE, DARREN L., US
[73] GOOGLE LLC,
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[54] **PRETRAITEMENT CIBLE ET OUVERTURE DE CYCLE SELECTIVE DANS DES REACTEURS REMPLIS DE LIQUIDE**
[72] DINDI, HASAN, US
[72] MURILLO, LUIS EDUARDO, US
[72] PULLEY, ALAN HOWARD, US
[73] E. I. DUPONT DE NEMOURS AND COMPANY,
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[54] **PEPTIDE POUR L'UTILISATION DANS LE TRAITEMENT D'ETATS CUTANES**
[72] LANG, CHRISTINE, DE
[73] NOVOZYMES A/S,
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[54] **UNNATURAL AMINO ACIDS COMPRISING A CYCLOOCTYNYL OR TRANS-CYCLOOCTENYL ANALOG GROUP AND USES THEREOF**
[54] **ACIDES AMINES NON NATURELS COMPRENANT UN GROUPE D'ANALOGUES DE CYCLOOCTYNYLE OU DE TRANS-CYCLOOCTENYLE ET LEURS UTILISATIONS**
[72] LEMKE, EDWARD, DE
[72] SCHULTZ, CARSTEN, DE
[72] PLASS, TILMAN, DE
[72] MILLES, SIGRID, DE
[72] KOEHLER, CHRISTINE, DE
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[54] **METHOD FOR PRODUCING REGENERATIVE ORGAN PRIMORDIUM PROVIDED WITH GUIDE FOR TRANSPLANTATION, COMPOSITION PRODUCED THEREBY, AND METHOD FOR TRANSPLANTATION**
[54] **METHODE DE PRODUCTION DE PRIMORDIUM D'ORGANE REGENERATIF COMPORTANT UN GUIDE DE TRANSPLANTATION, COMPOSITION AINSI PRODUITE ET METHODE DE TRANSPLANTATION**
[72] TOYOSHIMA, KOH-EI, JP
[72] TSUJI, TAKASHI, JP
[73] ORGAN TECHNOLOGIES, INC.,
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[54] **PUSH WIRE CONNECTOR HAVING A ROTATABLE RELEASE MEMBER**
[54] **CONNECTEUR A PRESSION DOTE D'UN ELEMENT DECLENCHEUR PIVOTANT**
[72] SCANZILLO, THOMAS, US
[72] BAZAYEV, EDWARD, US
[72] SIMON, ROBERT, US
[73] HUBBELL INCORPORATED,
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[54] **SYSTEME DE BEQUILLE DE COUVERCLE POUR RESERVOIR DE MACHINE AGRICOLE**
[72] LONG, SCOTT A., US
[73] CNH INDUSTRIAL AMERICA LLC,
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[54] **GENERATEUR DE COURANT A ENTRAINEMENT THERMIQUE**
[72] HAIDER, VIQAR, CA
[72] TETTENBORN, MICHAEL, CA
[72] SOLECKI, ANTHONY JERZY, CA
[73] CAFRAMO LTD.,
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[51] **Int.Cl. A61K 31/4468 (2006.01) A61K 9/00 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01)**
[25] EN
[54] **METHODS FOR CONTROLLING PAIN IN EQUINES USING A TRANSDERMAL SOLUTION OF FENTANYL**
[54] **METHODES DE REGULATION DE LA DOULEUR CHEZ LES EQUIDES AU MOYEN D'UNE SOLUTION TRANSDERMIQUE DE FENTANYL**
[72] MARR, AMY LOUISE, US
[72] MOUZIN, DOUGLAS EUGENE, US
[72] OWENS, JANE GRANVILLE, US
[72] RIGGS, KARI LYNETTE, US
[73] AUDEVARD,
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[87] (WO2012/112355)
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[54] **METHOD FOR CHECKING VALUE DOCUMENTS**
[54] **PROCEDE DE CONTROLE DE DOCUMENTS DE VALEUR**
[72] RAUSCHER, WOLFGANG, DE
[72] FRANKENBERGER, JORG, DE
[73] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH,
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[25] EN
[54] **CONDUIT MONITORING**
[54] **SURVEILLANCE DE CONDUIT**
[72] GODFREY, ALASTAIR, GB
[72] WINDER, PHILIP NEWTON, GB
[73] OPTASENSE HOLDINGS LIMITED,
[85] 2013-08-28
[86] 2012-03-01 (PCT/GB2012/000211)
[87] (WO2012/117223)
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[51] **Int.Cl. A01D 57/20 (2006.01)**
[25] EN
[54] **HARVESTING HEAD WITH CONVEYOR DRIVE SYSTEM**
[54] **TETE D'ABATTAGE-EBRANCHAGE AVEC SYSTEME D'ENTRAINEMENT POUR BANDE TRANSPORTEUSE**
[72] HOFFMAN, DANIEL S., US
[72] BOLLIN, DOUGLAS J., US
[72] RITTER, AARON S., US
[73] DEERE & COMPANY,
[86] (2828594)
[87] (2828594)
[22] 2013-09-27
[30] US (13/644,710) 2012-10-04

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DRILLING SYSTEM**
[54] **SYSTEME DE FORAGE**
[72] HARELAND, GEIR, CA
[72] FARINAS MOYA, MAURICIO JOSE, US
[72] KERKAR, PRASAD BALOO, US
[72] FONSECA OCAMPOS, ERNESTO RAFAEL, US
[73] ROCSOL TECHNOLOGIES INC.,
[86] (2828603)
[87] (2828603)
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[51] **Int.Cl. A61G 7/10 (2006.01)**
[25] EN
[54] **EMERGENCY STOP (LOCKOUT) SYSTEM FOR PATIENT HOISTS/LIFTS**
[54] **SYSTEME D'ARRET D'URGENCE (VERROUILLAGE) POUR LEVE-PERSONNES**
[72] CUSTEAU-BOISCLAIR, OLIVIER, CA
[72] FAUCHER, MARTIN, CA
[72] LANG, SERGE, CA
[72] LEBRUN, STEPHANE, CA
[72] TREPANIER, ANDRE, CA
[73] ARJOHUNTLEIGH MAGOG INC.,
[85] 2013-09-04
[86] 2012-07-09 (PCT/CA2012/050464)
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[30] CA (2,747,926) 2011-08-03

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[13] C
[51] **Int.Cl. C09D 195/00 (2006.01) C09D 7/61 (2018.01) C09D 5/33 (2006.01)**
[25] EN
[54] **METALLIC COATING COMPOSITIONS HAVING IMPROVED SOLAR REFLECTANCE AND ANTI-SETTLING PROPERTIES**
[54] **COMPOSITIONS DE REVETEMENT METALLIQUE PRESENTANT DES CARACTERISTIQUES SUPERIEURES DE REFLECTANCE DE LA LUMIERE SOLAIRE ET D'ANTI-DECANTATION**
[72] LENDER, ARIEL, US
[72] DAVIES, NORMAN R., US
[73] HENRY COMPANY LLC,
[85] 2013-09-10
[86] 2012-01-09 (PCT/US2012/020609)
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[25] EN
[54] **CONTEXT-BASED KEYBOARD**
[54] **CLAVIER BASE SUR LE CONTEXTE**
[72] MIRON, AMIHI, IL
[73] SUPER DERIVATIVES, INC.,
[85] 2013-09-12
[86] 2012-03-14 (PCT/IB2012/051202)
[87] (WO2012/123903)
[30] US (61/452,222) 2011-03-14

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[51] **Int.Cl. B62M 3/00 (2006.01) A63B 22/06 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR CYCLE IMPROVEMENTS**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR AMELIORATIONS DE CYCLE**
[72] MAGAKAT, DEO, US
[72] BEARD, DAVID, US
[72] CORNEJO, VICTOR, US
[72] CORBALIS, KEVIN, US
[72] MORGAN, MICHAEL, US
[73] LAND AMERICA HEALTH & FITNESS CO. LTD.,
[85] 2013-09-13
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[54] **SINK AND DRAIN FOR SINK**
[54] **EVIER ET GOULOTTE DE VIDANGE POUR EVIER**
[72] CHILDS, DANIEL KEATING, US
[72] DALY, SHAWN, US
[72] CHONG, JONATHAN CHEE YEEN, US
[73] ELKAY MANUFACTURING COMPANY,
[85] 2013-09-24
[86] 2012-03-23 (PCT/US2012/030358)
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[30] US (61/467,858) 2011-03-25
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[54] **MULTI-PORT SHARED CACHE APPARATUS**
[54] **APPAREIL POUR CACHE PARTAGE A PORTS MULTIPLES**
[72] DUGGINS, SIMON JOHN, GB
[73] BLACKBERRY LIMITED,
[86] (2832223)
[87] (2832223)
[22] 2013-11-01
[30] EP (12191143.2) 2012-11-02

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMPETITIVE PRODUCT ASSORTMENT**
[54] **SYSTEME ET PROCEDE POUR ASSORTIMENT DE PRODUITS CONCURRENTS**
[72] PIERZCHALSKI CARVALHO, RODRIGO, US
[72] CHOI, HAJIN, US
[73] HOME DEPOT INTERNATIONAL, INC.,
[86] (2833502)
[87] (2833502)
[22] 2013-11-15
[30] US (61/727,061) 2012-11-15
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[25] EN
[54] **COLLISION AVOIDANCE SYSTEM FOR AIRCRAFT GROUND OPERATIONS**
[54] **SYSTEME D'EVITEMENT DE COLLISION POUR OPERATIONS AU SOL D'AERONEF**
[72] DURAND, WILLIAM, US
[73] ROSEMOUNT AEROSPACE, INC.,
[86] (2833985)
[87] (2833985)
[22] 2013-11-18
[30] US (61/728,005) 2012-11-19

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **CORRELATION OF MEDIA PLANE AND SIGNALING PLANE OF MEDIA SERVICES IN A PACKET-SWITCHED NETWORK**
[54] **CORRELATION DE PLAN MEDIA ET DE PLAN DE SIGNALISATION DE SERVICES MULTIMEDIAS DANS UN RESEAU A COMMUTATION DE PAQUETS**
[72] SCHOLZ, HENDRIK, DE
[72] WALLBAUM, MICHAEL, DE
[72] KRUEGER, MICHAEL, DE
[72] BASTIAN, JAN, DE
[73] VOIPFUTURE GMBH,
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[51] **Int.Cl. C05G 5/35 (2020.01) C05G 3/40 (2020.01) B01J 13/02 (2006.01)**
[25] EN
[54] **A POLYCARBODIIMIDE ENCAPSULATED PARTICLE**
[54] **UNE PARTICULE ENCAPSULEE DE POLYCARBODIIMIDE**
[72] NEFF, RAYMOND, US
[72] GERSHANOVICH, ALEXANDER, US
[72] MENTE, DONALD C., US
[72] KUMAR, RAJESH, US
[73] BASF SE,
[85] 2013-10-28
[86] 2012-05-04 (PCT/US2012/036563)
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[51] **Int.Cl. C07K 14/755 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **A METHOD OF INCREASING THE PRODUCTIVITY OF EUCARYOTIC CELLS IN THE PRODUCTION OF RECOMBINANT FVIII**
[54] **METHODE POUR AUGMENTER LA PRODUCTIVITE DE CELLULES EUCARYOTES DANS LA PRODUCTION DU FVIII RECOMBINANT**
[72] AIZAWA, PETER, SE
[72] AGERKVIST, IRENE, SE
[73] OCTAPHARMA AG,
[85] 2013-11-04
[86] 2012-05-14 (PCT/EP2012/058899)
[87] (WO2012/156356)
[30] EP (11166071.8) 2011-05-13
[30] US (61/489,406) 2011-05-24

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[25] EN
[54] **ELECTROCHEMICAL METAL-MACHINING APPARATUS**
[54] **MACHINE D'USINAGE ELECTROCHIMIQUE DES METAUX**
[72] LAUN, JOCHEN, DE
[72] NOLLER, ALEXANDER, DE
[73] EMAG HOLDING GMBH,
[85] 2013-11-08
[86] 2012-05-07 (PCT/DE2012/000472)
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[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS REGULATEURS DES PLANTES ET LEURS UTILISATIONS**
[72] FLASINSKI, STANISLAW, US
[72] FOAT, BARRETT C., US
[72] OUFATTOLE, MOHAMMED, US
[72] SHULTZ, RANDALL W., US
[72] WEI, XIAOPING, US
[72] WU, WEI, US
[72] YANG, SHIAW-PYNG, US
[73] MONSANTO TECHNOLOGY LLC,
[85] 2013-11-12
[86] 2012-05-11 (PCT/US2012/037561)
[87] (WO2012/158535)
[30] US (61/485,876) 2011-05-13

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[51] **Int.Cl. A61M 1/36 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **HEMODIALYSIS SYSTEM**
[54] **SYSTEME D'HEMODIALYSE**
[72] GRANT, KEVIN L., US
[72] WILT, MICHAEL J., US
[72] TRACEY, BRIAN D., US
[72] RUDOLF, BRETT A., US
[72] COLLINS, DAVID E., US
[72] PANNETON, LISA A., US
[72] DALE, JAMES D., US
[72] WELL, JESSE T., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP,
[85] 2013-11-22
[86] 2012-05-24 (PCT/US2012/039369)
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[30] US (61/489,464) 2011-05-24

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[51] **Int.Cl. C07K 16/16 (2006.01) A61K 39/395 (2006.01) A61P 39/02 (2006.01) C07K 14/415 (2006.01) C07K 16/46 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **ANTI-RICIN ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTIRICINE ET LEURS UTILISATIONS**
[72] HU, WEI-GANG, CA
[72] NEGRYCH, LAUREL M., CA
[72] CHAU, DAMON, CA
[72] YIN, JUNFEI, CA
[72] JAGER, SCOTT J., CA
[72] CHERWONOGRODZKY, JOHN W., CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE,
[85] 2013-11-26
[86] 2012-01-31 (PCT/CA2012/000092)
[87] (WO2012/167346)
[30] US (61/495,544) 2011-06-10

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[51] **Int.Cl. H01H 83/02 (2006.01) H01H 83/04 (2006.01) H02H 3/16 (2006.01)**
[25] EN
[54] **THREE-PHASE GROUND FAULT CIRCUIT INTERRUPTER**
[54] **DISJONCTEUR DE FUITE A LA TERRE A TROIS PHASES**
[72] VANGOOL, MICHAEL P., US
[72] FENTY, GEORGE J., US
[72] EL-KHARBAWE, NEHAD EL-SHERIF, US
[73] LITTELFUSE, INC.,
[86] (2837468)
[87] (2837468)
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[11] **2,837,525**
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[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/24 (2006.01) A01N 61/00 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **2-CHLOROETHYLPHOSPHONIC ACID AND LANOLIN COMPOSITION EFFECTIVE IN THE CONTROL OF PARASITIC OR HEMIPARASITIC PLANTS ON HOST PLANTS**
[54] **COMPOSITION D'ACIDE 2-CHLOROETHYLPHOSPHONIQUE ET LANOLINE EFFICACE POUR LE CONTROLE DES PLANTES PARASITES OU HEMIPARASITES SUR LES PLANTES HOTES**
[72] ANGELES ALVAREZ, PEDRO GUILLERMO, MX
[72] CARDOSO TAPIAS CECCANTINI, GREGORIO, BR
[73] INSTITUTO DE ECOLOGIA, A.C.,
[85] 2013-11-27
[86] 2013-01-15 (PCT/MX2013/000007)
[87] (WO2013/129902)
[30] MX (Mx/a/2012/002483) 2012-02-27

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[51] **Int.Cl. G06T 15/00 (2011.01) A63F 13/52 (2014.01) A63F 13/80 (2014.01) G06F 9/06 (2006.01)**
[25] EN
[54] **PARTITION OF A 3D SCENE INTO A PLURALITY OF ZONES PROCESSED BY A COMPUTING RESOURCE**
[54] **DIVISION D'UNE SCENE TRIDIMENSIONNELLE EN UNE PLURALITE DE ZONES TRAITEES PAR UNE RESSOURCE INFORMATIQUE**
[72] BELMANS, PHILIPE, FR
[72] BOULKENAFED, MALIKA, FR
[73] DASSAULT SYSTEMES,
[86] (2837983)
[87] (2837983)
[22] 2013-12-18
[30] EP (12306654.0) 2012-12-21

[11] **2,838,416**
[13] C
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **REVERSIBLE WING PLOW AND METHODS OF ROTATION**
[54] **CHARRUE REVERSIBLE ET METHODES DE ROTATION**
[72] STEPHAN, MICHAEL FREDERICK, US
[73] STEPHAN, MICHAEL FREDERICK,
[86] (2838416)
[87] (2838416)
[22] 2014-01-07
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[51] **Int.Cl. H04L 27/26 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **EXTENSION OF PHYSICAL DOWNLINK CONTROL SIGNALING IN A COMMUNICATION SYSTEM**
[54] **EXTENSION DE SIGNALISATION DE COMMANDE DE LIAISON DESCENDANTE PHYSIQUE DANS UN SYSTEME DE COMMUNICATION**
[72] PAPASAKELLARIOU, ARIS, US
[72] CHO, JOON-YOUNG, KR
[72] JI, HYOUNG-JU, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[85] 2013-12-12
[86] 2012-06-15 (PCT/KR2012/004740)
[87] (WO2012/173425)
[30] US (61/497,330) 2011-06-15
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[51] **Int.Cl. H04B 11/00 (2006.01)**
[25] EN
[54] **SONIC SIGNALING COMMUNICATION FOR USER DEVICES**
[54] **COMMUNICATION DE SIGNALISATION SONORE POUR DES DISPOSITIFS UTILISATEUR**
[72] MUFTI, MOHAMMED UMAIR, US
[73] SPARCQ, INC.,
[85] 2013-12-17
[86] 2012-05-18 (PCT/US2012/038617)
[87] (WO2012/159048)
[30] US (13/110,847) 2011-05-18

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[51] **Int.Cl. C22B 3/04 (2006.01) C22B 59/00 (2006.01)**
[25] EN
[54] **METHODS OF RECOVERING RARE EARTH ELEMENTS**
[54] **PROCEDES DE RECUPERATION DE METAUX ALCALINOTERREUX RARES**
[72] VIERHEILIG, ALBERT A., US
[73] VIERHEILIG, ALBERT A.,
[85] 2013-12-16
[86] 2012-06-15 (PCT/US2012/042781)
[87] (WO2012/174454)
[30] US (13/163,325) 2011-06-17

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[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/36 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULES, APPARATUS AND METHODS FOR PREPARING A BEVERAGE**
[54] **CAPSULES, APPAREIL ET PROCEDES POUR PREPARER UNE BOISSON**
[72] AUSTIN, PETER, GB
[72] FLETCHER, PAUL, GB
[72] KNOWLES, DAVID, GB
[72] HYDE, SAM, GB
[73] LAVAZZA PROFESSIONAL NORTH AMERICA, LLC,
[85] 2013-12-20
[86] 2012-06-22 (PCT/GB2012/051460)
[87] (WO2012/175985)
[30] GB (1110848.7) 2011-06-24
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[51] **Int.Cl. H04N 7/01 (2006.01) H04N 5/262 (2006.01) H04N 7/015 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR AN EMBEDDED APPLIANCE**
[54] **PROCEDES ET APPAREIL POUR UN APPAREIL ELECTRIQUE INTEGRE**
[72] SMITH, JOHN J., US
[72] TITUS, STEPHEN R., US
[72] ROGERS, DOUGLAS E., US
[72] BOYLE, DAVID HENRY, US
[72] JOHNSON, KEIRA KAITLYN, US
[72] BELL, JONATHAN D., US
[73] ECHO 360, INC.,
[85] 2013-12-24
[86] 2012-06-29 (PCT/US2012/044879)
[87] (WO2013/003698)
[30] US (61/503,472) 2011-06-30

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[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/04 (2006.01)**
[25] EN
[54] **MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS**
[54] **SYSTEME DE VERROUILLAGE MECANIQUE POUR PANNEAUX DE PLANCHER**
[72] PERVAN, DARKO, SE
[73] CERALOC INNOVATION AB,
[85] 2013-12-30
[86] 2012-07-09 (PCT/SE2012/050817)
[87] (WO2013/009257)
[30] SE (1150660-7) 2011-07-11
[30] US (61/506,282) 2011-07-11

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[13] C
[51] **Int.Cl. B22D 15/04 (2006.01) B22D 25/02 (2006.01) B22D 27/04 (2006.01) B61G 3/06 (2006.01) B22C 9/02 (2006.01)**
[25] EN
[54] **SUBSURFACE CHILLS TO IMPROVE RAILCAR KNUCKLE FORMATION**
[54] **COQUILLES SOUS LA SURFACE POUR AMELIORER UNE FORMATION DE MACHOIRE D'ATTELAGE DE VOITURE DE CHEMINS DE FER**
[72] SMERECKY, JERRY R., US
[72] NIBOUAR, F. ANDREW, US
[72] BROOKS, NOLAND, US
[72] SALAMASICK, NICK, US
[73] BEDLOE INDUSTRIES LLC,
[85] 2013-12-30
[86] 2012-12-17 (PCT/US2012/070012)
[87] (WO2013/096161)
[30] US (13/333,035) 2011-12-21

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[13] C
[51] **Int.Cl. A61L 2/04 (2006.01) A61L 2/00 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR STERILIZING AN EMULSION AT AN ULTRAHIGH TEMPERATURE, PARTICULARLY A COSMETIC EMULSION FOR THE SKIN, WHICH IS UNSTABLE AT THE STERILIZATION TEMPERATURE**
[54] **DISPOSITIF ET PROCEDE POUR LA STERILISATION A ULTRA-HAUTE TEMPERATURE D'UNE EMULSION, NOTAMMENT DERMO-COSMETIQUE, INSTABLE A LA TEMPERATURE DE STERILISATION**
[72] DELAUNAY, JEAN-CLAUDE, FR
[72] LEGENDRE, FRANCK, FR
[73] PIERRE FABRE DERMO-COSMETIQUE,
[85] 2014-01-07
[86] 2012-07-11 (PCT/EP2012/063604)
[87] (WO2013/007755)
[30] FR (1156288) 2011-07-11

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[13] C
[51] **Int.Cl. C10L 1/14 (2006.01) C10L 1/183 (2006.01) C10L 1/185 (2006.01) C10L 1/19 (2006.01) C10L 1/196 (2006.01) C10L 1/197 (2006.01) C10L 1/222 (2006.01) C10L 1/223 (2006.01) C10L 1/228 (2006.01) C10L 1/232 (2006.01) C10L 1/236 (2006.01) C10L 1/238 (2006.01) C10L 10/00 (2006.01) C10L 10/04 (2006.01) C10L 10/14 (2006.01)**
[25] FR
[54] **ADDITIVE COMPOSITIONS THAT IMPROVE THE STABILITY AND THE ENGINE PERFORMANCES OF DIESEL FUELS**
[54] **COMPOSITIONS D'ADDITIFS AMELIORANT LA STABILITE ET LES PERFORMANCES MOTEUR DES GAZOLES**
[72] TORT, FREDERIC, FR
[72] VERMOREL, CHRISTIAN, FR
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[54] **TOP DRIVE COUPLING FOR DRILLING**
[54] **RACCORD D'ENTRAINEMENT SUPERIEUR POUR FORAGE**
[72] RICHARDSON, ALLAN, US
[73] WARRIOR RIG TECHNOLOGIES LIMITED,
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[87] (2841654)
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[54] **TARGETING GLI PROTEINS IN HUMAN CANCER BY SMALL MOLECULES**
[54] **CIBLAGE DE PROTEINES GLI DANS UN CANCER HUMAIN PAR DES PETITES MOLECULES**
[72] HE, BIAO, US
[72] MANN, MICHAEL, US
[72] JABLONS, DAVID M., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,
[85] 2014-01-17
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[54] **SODA MACHINE PRONGED CLAMP**
[54] **PINCE A FOURCHONS POUR MACHINE A SODAS**
[72] RING, ALLAN, IL
[72] COHEN, AVI, IL
[72] KROM, DORON, IL
[72] HARDUFF, HAGAI, IL
[72] AVIDOR, AMIT, IL
[73] SODASTREAM INDUSTRIES LTD.,
[85] 2014-01-30
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[25] EN
[54] **INSULATED GATE BIPOLAR TRANSISTOR HEAT DISSIPATION STRUCTURE OF MOTOR CONTROLLER**
[54] **STRUCTURE DE DISSIPATION DE CHALEUR DE TRANSISTOR BIPOLAIRE A GRILLE ISOLEE D'UN DISPOSITIF DE COMMANDE DE MOTEUR**
[72] WU, YONGHUA, CN
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD.,
[85] 2014-01-31
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[25] EN
[54] **RECOVERY OF CARBOXYLIC ACID FROM THEIR MAGNESIUM SALTS BY PRECIPITATION USING HYDROCHLORIC ACID, USEFUL FOR FERMENTATION BROTH WORK-UP**
[54] **RECUPERATION D'ACIDE CARBOXYLIQUE A PARTIR DE SES SELS DE MAGNESIUM PAR PRECIPITATION EN UTILISANT DE L'ACIDE CHLORHYDRIQUE, UTILE POUR LA PURIFICATION DE BOUILLON DE FERMENTATION**
[72] DE HAAN, ANDRE BANIER, NL
[72] VAN BREUGEL, JAN, NL
[72] VAN DER WEIDE, PAULUS LODUVICUS JOHANNES, NL
[72] JANSEN, PETER PAUL, NL
[72] VIDAL LANCIS, JOSE MARIA, NL
[72] CERDA BARO, AGUSTIN, NL
[73] PURAC BIOCHEM B.V.,
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[54] **MULTI-PURPOSE RIDGE VENT SYSTEM**
[54] **SYSTEME DE VENTILATION DE FAITE A USAGES MULTIPLES**
[72] RAILKAR, SUDHIR, US
[72] ZARATE, WALTER, US
[72] KIIK, MATTI, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION,
[86] (2845889)
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[25] EN
[54] **METHOD OF EMBEDDING PHOTOCATALYTIC TITANIUM DIOXIDE IN CONCRETE STRUCTURES TO REDUCE POLLUTANTS VIA PHOTOCATALYTIC REACTIONS**
[54] **PROCEDE D'INTRODUCTION DE DIOXYDE DE TITANE PHOTOCATALYTIQUE DANS DES STRUCTURES EN BETON POUR REDUIRE LES POLLUANTS PAR LE BIAIS DE REACTIONS PHOTOCATALYTIQUESES**
[72] DURANTE, COLIN, US
[72] HIGGINS, CRAIG, US
[73] PAVEMENT TECHNOLOGY, INC.,
[86] (2845945)
[87] (2845945)
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[25] EN
[54] **AUTOMATIC SET POINT ADJUSTMENT SYSTEM AND METHOD FOR ENGINE AIR-FUEL RATIO CONTROL SYSTEM**
[54] **SYSTEME ET PROCEDE DE REGLAGE AUTOMATIQUE DE POINT DE CONSIGNE POUR SYSTEME DE REGULATION DU RAPPORT AIR-CARBURANT D'UN MOTEUR**
[72] FISHER, DAVID GORDON, US
[72] FISHER, RICHARD ROSS, US
[72] LAUR, GALINA, US
[72] GRIMES, HILLARY H., III, US
[72] YATES, KRISTIAN W., US
[72] ZAHIR, JOHN A., US
[72] VRONAY, JOHN C., US
[73] CONTINENTAL CONTROLS CORPORATION,
[85] 2014-02-20
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[25] EN
[54] **1-PYRAZOLYL-3-(4-((2-ANILINOPYRIMIDIN-4-YL)OXY)NAPTHTHALEN-1- YL) UREAS AS P38 MAP KINASE INHIBITORS**
[54] **L-PYRAZOLYL-3-(4-((2-ANILINOPYRIMIDIN-4-YL)OXY)NAPHTALEN-1-YL)UREES EN TANT QU'INHIBITEURS DE P38 MAP KINASE**
[72] ITO, KAZUHIRO, GB
[72] CHARRON, CATHERINE ELISABETH, GB
[72] KING-UNDERWOOD, JOHN, GB
[72] ONIONS, STUART THOMAS, GB
[72] LONGSHAW, ALISTAIR IAN, GB
[72] BROECKX, RUDY, BE
[72] FILLIERS, WALTER, BE
[72] COPMANS, ALEX, BE
[73] RESPIVERT LIMITED,
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[25] EN
[54] **QUINOXALINE SULFONAMIDE DERIVATES FOR USE AS KINASE INHIBITORS**
[54] **DERIVES DE SULFONAMIDE DE QUINOXALINE DESTINES A UNE UTILISATION COMME INHIBITEURS DE KINASE**
[72] ZHU, YONG-LIANG, US
[72] QIAN, XIANGPING, US
[73] NEUPHARMA, INC.,
[85] 2014-02-25
[86] 2012-08-24 (PCT/US2012/052390)
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[25] EN
[54] **METHODS AND SYSTEMS FOR IDENTIFYING PRODUCT**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'IDENTIFIER UN PRODUIT**
[72] CARLSON, BRIAN PHILIP, US
[72] CHERNIK, RYAN A., US
[72] PELKEY, JOHN THOMAS, US
[72] LAUSTED, MATTHEW DAROLD, US
[72] KRAMER, ANTHONY LEE, US
[73] ECOLAB USA INC.,
[85] 2014-02-26
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[25] EN
[54] **WAKE PATTERN MANAGEMENT**
[54] **GESTION DU MODE D'EVEIL**
[72] THALER, DAVID G., US
[72] SRINIVASAN, KAMALAVASAN, US
[72] RITZ, ANDREW J., US
[72] GATTA, SRINIVAS RAGHU, US
[72] ERTUGAY, OSMAN N., US
[72] GADDEHOSUR, POORNANANDA R., US
[72] ANIPKO, DMITRY A., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
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[25] EN
[54] **TREATMENTS INVOLVING ESLICARBAZEPINE ACETATE OR ESLICARBAZEPINE**
[54] **TRAITEMENTS METTANT EN JEU DE L'ACETATE D'ESLICARBAZEPINE OU DE L'ESLICARBAZEPINE**
[72] SOARES DA SILVA, PATRICIO MANUEL VIEIRA ARAUJO, PT
[73] BIAL - PORTELA & CA, S.A.,
[85] 2014-02-24
[86] 2012-08-24 (PCT/PT2012/000031)
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[25] EN
[54] **STEP PROFILE FOR A RESCUE VEHICLE, IN PARTICULAR FOR A FIRE FIGHTING VEHICLE**
[54] **PROFIL DE MARCHE POUR UN VEHICULE DE SECOURS, EN PARTICULIER POUR UN VEHICULE DE LUTTE CONTRE L'INCENDIE**
[72] MUHE-STURM, FRANK, DE
[72] KRAEMER, JENS, DE
[73] IVECO MAGIRUS AG,
[86] (2847312)
[87] (2847312)
[22] 2014-03-21
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[51] **Int.Cl. H04N 13/279 (2018.01) H04N 13/106 (2018.01) H04N 13/366 (2018.01)**
[25] EN
[54] **SELECTION OF OBJECTS IN A THREE-DIMENSIONAL VIRTUAL SCENARIO**
[54] **SELECTION D'OBJETS DANS UN SCENARIO VIRTUEL TRIDIMENSIONNEL**
[72] VOGELMEIER, LEONHARD, DE
[72] WITTMANN, DAVID, DE
[73] AIRBUS DEFENCE AND SPACE GMBH,
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[25] EN
[54] **AERIAL SYSTEM, IN PARTICULAR TURNTABLE LADDER SYSTEM**
[54] **SYSTEME AERIEN, EN PARTICULIER UN SYSTEME D'ECHELLE A TABLE TOURNANTE**
[72] LAUTERJUNG, CHRISTOPH, DE
[72] PEPER, RENE, DE
[73] IVECO MAGIRUS AG,
[86] (2847793)
[87] (2847793)
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[25] EN
[54] **NOVEL MANGANESE COMPRISING NANOSTRUCTURES**
[54] **NOUVELLES NANOSTRUCTURES COMPORTANT DU MANGANESE**
[72] AXELSSON, OSKAR, SE
[72] PETORAL, RODRIGO M., JR., SE
[72] EK, FREDRIK, SE
[72] LAURITZSON, PETTER, SE
[73] SPAGO NANOMEDICAL AB,
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[25] EN
[54] **PHARMACEUTICAL COMBINATION COMPRISING A CIP2A SILENCING AGENT FOR USE IN THE TREATMENT OF A HYPERPROLIFERATIVE DISORDER, PREFERABLY ONE WITH IMPAIRED P53 FUNCTION**
[54] **COMBINAISON PHARMACEUTIQUE COMPRENANT UN AGENT DE SILENCAGE DE CIP2A DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT D'UN TROUBLE HYPERPROLIFERATIF, DE PREFERENCE UN TROUBLE QUI ALTERE LA FONCTION DE P53**
[72] WESTERMARCK, JUKKA, FI
[72] CVRLJEVIC, ANNA, FI
[73] TURUN YLIOPISTO,
[85] 2014-03-05
[86] 2012-09-06 (PCT/FI2012/050862)
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[25] EN
[54] **BENZIMIDAZOLE AND IMIDAZOPYRIDINE STRUCTURED INHIBITORS OF FGFR KINASES SUITABLE FOR THE TREATMENT OF CANCER**
[54] **INHIBITEURS STRUCTURES DE BENZIMIDAZOLE ET IMIDAZOPYRIDINE DES ACTIVITESKINASES DU FGFR POUR LE TRAITEMENT DU CANCER**
[72] LINNANEN, TERO, FI
[72] WOHLFAHRT, GERD, FI
[72] NANDURI, SRINIVAS, IN
[72] UJJINAMATADA, RAVI, IN
[72] RAJAGOPALAN, SRINIVASAN, IN
[72] MUKHERJEE, SUBHENDU, IN
[73] ORION CORPORATION,
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[86] 2012-10-09 (PCT/FI2012/000040)
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[25] EN
[54] **BLANK ASSEMBLY FOR FORMING A REINFORCED, STACKABLE TRAY CONTAINER**
[54] **ENSEMBLE EBAUCHE POUR FORMER UN CONTENEUR A PLATEAUX RENFORCE ET EMPILABLE**
[72] WILLMAN, JAMES JOHN, US
[72] MINSKY, CRAIG FREDERICK, US
[73] ROCK-TENN SHARED SERVICES, LLC,
[85] 2014-03-13
[86] 2012-09-06 (PCT/US2012/053918)
[87] (WO2013/043378)
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[54] **CONTAINER HAVING A FOLDABLE SUPPORT AND LID**
[54] **RECIPIENT COMPOSE D'UN SUPPORT PLIABLE ET D'UN COUVERCLE**
[72] LEARN, ANGELA E., US
[72] KARVOLA, KYLE, US
[73] PACTIV PACKAGING INC.,
[85] 2014-03-19
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[25] EN
[54] **APPARATUS, COMPUTER READABLE MEDIUM, AND PROGRAM CODE FOR EVALUATING ROCK PROPERTIES WHILE DRILLING USING DOWNHOLE ACOUSTIC SENSORS AND TELEMETRY SYSTEM**
[54] **APPAREIL, SUPPORT LISIBLE PAR ORDINATEUR, ET CODE PROGRAMME POUR EVALUER LES PROPRIETES D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES DE FOND DE TROU ET D'UN SYSTEME DE TELEMETRIE**
[72] YANG, YUNLAI, SA
[73] SAUDI ARABIAN OIL COMPANY,
[85] 2014-03-19
[86] 2012-09-26 (PCT/US2012/057201)
[87] (WO2013/049111)
[30] US (61/539,242) 2011-09-26
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[54] **DEVICE DELIVERING GLASS FIBRES WITH A REDUCED PRECIOUS METAL CONTENT**
[54] **DISPOSITIF DELIVRANT DES FIBRES DE VERRE A TENEUR REDUITE EN METAUX PRECIEUX**
[72] CONDOLF, CYRIL, FR
[72] BREUER, ACHIM, DE
[73] SAINT-GOBAIN ADFORS,
[85] 2014-03-20
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[25] EN
[54] **BODY ARMOR SUPPORT HARNESS**
[54] **HARNAIS DE SUPPORT DE VETEMENT BLINDE**
[72] GLEASON, PAUL RYAN, US
[73] MYSTERY RANCH, LTD.,
[85] 2014-02-27
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[25] EN
[54] **NON-AQUEOUS PATCH COMPRISING LIDOCAINE**
[54] **TIMBRE NON AQUEUX CONTENANT DE LA LIDOCAINE**
[72] MORI, TATSUYA, JP
[72] SAIDA, NAOYUKI, JP
[73] ITOCHU CHEMICAL FRONTIER CORPORATION,
[73] OISHI KOSEIDO CO., LTD.,
[85] 2014-03-24
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[25] EN
[54] **CRYSTALLINE MICROPARTICLES OF A BETA-AGONIST COATED WITH A FATTY ACID**
[54] **MICROPARTICULES CRISTALLINES D'UN BETA-AGONISTE ENROBE D'UN ACIDE GRAS**
[72] BRAMBILLA, GAETANO, IT
[72] COLOMBO, PAOLO, IT
[72] BUTTINI, FRANCESCA, IT
[72] MIOZZI, MICHELE, IT
[73] CHIESI FARMACEUTICI S.P.A.,
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[25] FR
[54] **PRODUCTION OF A LAMINATED GLASS PANEL**
[54] **FABRICATION D'UN VITRAGE FEUILLETE**
[72] BERARD, STEPHANE, FR
[72] HENNION, ALEXANDRE, FR
[72] FREBOURG, PHILIPPE, FR
[73] SAINT-GOBAIN GLASS FRANCE,
[85] 2014-03-26
[86] 2012-10-12 (PCT/FR2012/052329)
[87] (WO2013/054059)
[30] FR (1159322) 2011-10-14

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[54] **GLYCOSYLATED POLYPEPTIDE AND PHARMACEUTICAL COMPOSITION CONTAINING SAME**
[54] **POLYPEPTIDE GLYCOSYLE ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
[72] SAKAMOTO, IZUMI, JP
[72] FUKAE, KAZUHIRO, JP
[72] TEZUKA, KATSUNARI, JP
[72] TAZURU, KEISUKE, JP
[72] MAEDA, MASATOSHI, JP
[72] KAJIHARA, YASUHIRO, JP
[72] TSUJI, TAKASHI, JP
[73] GLYTECH, INC.,
[85] 2014-03-28
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[54] **MOTOR VOLTAGE CONVERSION DEVICE**
[54] **DISPOSITIF DE CONVERSION DE TENSION D'UN MOTEUR**
[72] CHEN, GUANGCHANG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD,
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[54] **DISPENSER FOR STATIC CENTER-FEED CORELESS ROLL OF SHEET PRODUCT**
[54] **DISTRIBUTEUR POUR ROULEAU DE PRODUIT SOUS FORME DE FEUILLE, SANS MANDRIN, A DEVIDAGE CENTRAL STATIQUE**
[72] MARIETTA-TONDIN, JULIEN, FR
[72] CATTACIN, GILLES, FR
[72] TAYLOR, JAMES, GB
[73] ESSITY OPERATIONS FRANCE,
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[54] **NON-AQUEOUS LIQUID CONCENTRATE FOR AQUEOUS DISPERSION**
[54] **CONCENTRAT LIQUIDE NON AQUEUX POUR UNE DISPERSION AQUEUSE**
[72] PALAIKIS, LIANA VICTORIA, US
[72] BOWMAN, ROBERT GLADE, US
[72] MOBERG, OLAF CHRISTIAN, US
[72] NELSON, ANTHONY ROBERT, US
[72] HENDRICKSON, WILLIAM ARTHUR, US
[72] RUEB, CHRISTOPHER JOHN, US
[72] XIONG, NENG, US
[72] IVERSON, KERSTIN KRISTINA, US
[73] EARTHCLEAN CORPORATION,
[85] 2014-04-04
[86] 2012-10-05 (PCT/US2012/058857)
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[54] **HEMOSTATIC COMPOSITIONS**
[54] **COMPOSITIONS HEMOSTATIQUES**
[72] HEDRICH, HANS CHRISTIAN, AT
[72] HOEFINGHOFF, JORIS, AT
[72] GORNA, KATARZYNA, AT
[73] BAXTER INTERNATIONAL INC.,
[73] BAXTER HEALTHCARE SA,
[85] 2014-04-07
[86] 2012-10-10 (PCT/EP2012/070061)
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[54] **RANKING OBJECTS BY SOCIAL RELEVANCE**
[54] **CLASSEMENT D'OBJETS PAR PERTINENCE SOCIALE**
[72] TSENG, ERICK, US
[73] FACEBOOK, INC.,
[85] 2014-04-07
[86] 2012-09-14 (PCT/US2012/055278)
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[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING REAL TIME AIR MEASUREMENT APPLICATIONS IN WET CONCRETE**
[54] **PROCEDE ET APPAREIL POUR DES APPLICATIONS DE MESURE DE L'AIR EN TEMPS REEL DANS DU BETON FLUIDE**
[72] BIESAK, JOHN, US
[72] LOOSE, DOUGLAS H., US
[72] DAVIS, MICHAEL A., US
[73] CIDRA CORPORATE SERVICES INC.,
[85] 2014-04-16
[86] 2012-10-18 (PCT/US2012/060822)
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[25] EN
[54] **HYBRID DIAZENIUMDIOLATED COMPOUNDS, PHARMACEUTICAL COMPOSITIONS, AND METHOD OF TREATING CANCER**
[54] **COMPOSES DIAZENIUMDIOLATES HYBRIDES, COMPOSITIONS PHARMACEUTIQUES ET PROCEDE DE TRAITEMENT DU CANCER**
[72] MACIAG, ANNA E., US
[72] KEEFER, LARRY K., US
[72] SAAVEDRA, JOSEPH E., US
[72] JI, XINHUA, US
[72] KUMARI, VANDANA, US
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES,
[85] 2014-04-16
[86] 2012-10-18 (PCT/US2012/060785)
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[25] EN
[54] **AMINE CATIONIC LIPIDS AND USES THEREOF**
[54] **LIPIDES CATIONIQUES AMINES ET UTILISATIONS ASSOCIEES**
[72] BROWN, BOB DALE, US
[72] BASU, SUJIT KUMAR, US
[72] SCHWARTZ, DAVID, US
[72] FRASER, ALLISTER, US
[73] DICERNA PHARMACEUTICALS, INC.,
[85] 2014-04-17
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[30] US (61/548,598) 2011-10-18

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[25] EN
[54] **AERO COMPRESSION COMBUSTION DRIVE ASSEMBLY CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ENSEMBLE D'ENTRAINEMENT A COMPRESSION-COMBUSTION AERONAUTIQUE**
[72] WEINZIERL, STEVEN M., US
[72] FUCHS, MICHAEL J., US
[73] ENGINEERED PROPULSION SYSTEMS, INC.,
[85] 2014-04-03
[86] 2012-10-05 (PCT/US2012/059121)
[87] (WO2013/052912)
[30] UG (61/543,624) 2011-10-05

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[54] **TARPAULIN RETRACTION AND EXTENSION DEVICE.**
[54] **DISPOSITIF DE RETRACTION ET D'EXTENSION DE TARPAULIN.**
[72] ROYER, REAL, CA
[73] FABRICATION ELCARGO INC.,
[86] (2853979)
[87] (2853979)
[22] 2014-06-11
[30] CA (2.850,199) 2014-04-29

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[51] **Int.Cl. G01N 33/53 (2006.01) A61K 49/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **USE OF AN ANTI-.ALPHA.-SYNUCLEIN ANTIBODY TO DIAGNOSE AN ELEVATED LEVEL OF .ALPHA.-SYNUCLEIN IN THE BRAIN**
[54] **UTILISATION D'UN ANTICORPS ANTI-?-SYNUCLEINE POUR DIAGNOSTIQUER UN NIVEAU ELEVE D'?-SYNUCLEINE DANS LE CERVEAU**
[72] WEIHOFEN, ANDREAS, CH
[72] ENGBER, THOMAS, US
[72] GRIMM, JAN, CH
[73] BIOGEN INTERNATIONAL NEUROSCIENCE GMBH,
[85] 2014-04-30
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[87] (WO2013/066818)
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[51] **Int.Cl. H04N 7/24 (2011.01)**
[25] EN
[54] **SIGNALING OF STATE INFORMATION FOR A DECODED PICTURE BUFFER AND REFERENCE PICTURE LISTS**
[54] **SIGNALISATION D'INFORMATIONS D'ETAT POUR UN TAMPON D'IMAGES DECODEES ET UNE LISTE D'IMAGES DE REFERENCE**
[72] SULLIVAN, GARY J., US
[72] WU, YONGJUN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
[85] 2014-05-01
[86] 2012-11-06 (PCT/US2012/063748)
[87] (WO2013/070630)
[30] US (61/556,813) 2011-11-07
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[54] **FROST RESISTANT SURFACE**
[54] **SURFACE RESISTANTE AU GEL**
[72] SZEKELY, KENNETH E.J., US
[73] ASTRA CAPITAL INCORPORATED,
[85] 2014-05-01
[86] 2013-02-04 (PCT/US2013/024623)
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[13] C
[51] **Int.Cl. B65B 35/24 (2006.01) B65B 35/38 (2006.01) B65B 35/58 (2006.01)**
[25] EN
[54] **CUP FEEDER**
[54] **DISPOSITIF POUR FAIRE AVANCER DES TASSES**
[72] LUKES, MATTHEW R., US
[72] BRUGGER, JEROME, US
[73] R.A JONES & CO.,
[85] 2014-05-02
[86] 2012-11-05 (PCT/US2012/063550)
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[30] US (61/628,753) 2011-11-04
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[54] **SPECTROSCOPY DATA DISPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE DE DONNEES DE SPECTROSCOPIE**
[72] CLEM, WILLIAM E., US
[72] WILKINS, JAY N., US
[72] SUMMERFIELD, LEIF, US
[73] ELEMENTAL SCIENTIFIC LASERS, LLC,
[85] 2014-05-07
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[25] EN
[54] **DISSIPATIVE SURFACTANT AQUEOUS-BASED DRILLING SYSTEM FOR USE IN HYDROCARBON RECOVERY OPERATIONS FROM HEAVY OIL AND TAR SANDS**
[54] **SYSTEME DE FORAGE AQUEUX TENSIOACTIF DISSIPATIF DESTINE A ETRE UTILISE DANS DES OPERATIONS DE RECUPERATION D'HYDROCARBURES A PARTIR DE SABLES PETROLIFERES ET BITUMINEUX LOURDS**
[72] DOBSON, JAMES W., JR., US
[72] TRESCO, KIM O., US
[72] HINDS, PIERRE J., US
[73] TUCC TECHNOLOGY, LLC,
[85] 2014-05-20
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[25] EN
[54] **METHOD OF IN VITRO FERTILIZATION WITH DELAY OF EMBRYO TRANSFER AND USE OF PERIPHERAL BLOOD MONONUCLEAR CELLS**
[54] **METHODE DE FECONDATION IN VITRO AVEC DELAI DU TRANSFERT D'EMBRYON ET UTILISATION DE CELLULES MONONUCLEAIRES DU SANG PERIPHERIQUE**
[72] FESKOV, ALEXANDER, UA
[72] FESKOVA, IRINA, UA
[72] ZHYLKOVA, IEVGENIIA, UA
[72] ZHILKOV, STANISLAV, US
[73] MEZADATA MEDICAL IP HOLDING LLC,
[85] 2014-05-23
[86] 2012-11-21 (PCT/US2012/066258)
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[30] US (61/629,651) 2011-11-23
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[25] EN
[54] **METHOD OF SCREENING A PLURALITY OF SINGLE SECRETING CELLS FOR FUNCTIONAL ACTIVITY**
[54] **PROCEDE DE CRIBLAGE D'UNE PLURALITE DE CELLULES SECRETRICES ISOLEES POUR L'ACTIVITE FONCTIONNELLE**
[72] CHEN, CHUN-NAN, US
[72] BOWLBY, JAMES O., US
[73] SINGLE CELL TECHNOLOGY, INC.,
[85] 2014-05-23
[86] 2012-12-12 (PCT/US2012/069205)
[87] (WO2013/090404)
[30] US (61/630,493) 2011-12-13

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[25] FR
[54] **METHOD FOR CLEAVING UNSATURATED FATTY CHAINS**
[54] **PROCEDE DE COUPURE DE CHAINES GRASSES INSATUREES**
[72] BRANDHORST, MARKUS, FR
[72] DUBOIS, JEAN-LUC, FR
[73] ARKEMA FRANCE,
[85] 2014-05-27
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[25] EN
[54] **DOUGH-BASED FOOD PRODUCTS WITH A NON-SOLUBLE GRANULATED SALT SUBSTITUTE**
[54] **PRODUITS ALIMENTAIRES A BASE DE PATE AYANT UN SUBSTITUT DE SEL GRANULEUX NON SOLUBLE**
[72] CARLSON-LEE, BRENT, US
[73] OPEN DOOR FOODS, LLC,
[85] 2014-05-28
[86] 2012-11-29 (PCT/US2012/066944)
[87] (WO2013/082213)
[30] US (61/564,644) 2011-11-29
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[25] EN
[54] **ATTENUATED AND ADAPTED STRAIN OF PSEUDOMONAS FOR DELIVERING ANTIGENS**
[54] **SOUCHE ATTENUEE ET ADAPTEE DE PSEUDOMONAS POUR L'ADMINISTRATION D'ANTIGENES**
[72] LE GOUELLEC, AUDREY, FR
[72] TOUSSAINT, BERTRAND, FR
[72] POLACK, BENOIT, FR
[73] CENTRE HOSPITALIER UNIVERSITAIRE GRENOBLE,
[73] UNIVERSITE JOSEPH FOURIER - GRENOBLE 1,
[85] 2014-06-10
[86] 2012-12-12 (PCT/EP2012/075167)
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[30] EP (11306636.9) 2011-12-12

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[51] **Int.Cl. G01N 33/80 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ASSAYING AN ANTIGEN PRESENT ON ERYTHROCYTES OR AN ANTIBODY BINDING TO AN ANTIGEN PRESENT ON ERYTHROCYTES**
[54] **PROCEDE ET DISPOSITIF POUR L'ESSAI D'UN ANTIGENE PRESENT SUR DES ERYTHROCYTES OU UN ANTICORPS SE LIANT A UN ANTIGENE PRESENT SUR DES ERYTHROCYTES**
[72] CORAZZA, FRANCIS, BE
[72] EL KENZ, HANANE, BE
[73] UNIVERSITE LIBRE DE BRUXELLES,
[85] 2014-06-02
[86] 2012-12-05 (PCT/EP2012/074481)
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[25] EN
[54] **SUPPORTING AN OBJECT AT A WINDOW OF A BUILDING BY APPLYING OPPOSING FORCES TO AN INTERIOR SURFACE AND AN EXTERIOR SURFACE OF THE BUILDING**
[54] **SUPPORT D'UN OBJET A UNE FENETRE D'UN BATIMENT PAR L'APPLICATION DE FORCES OPPOSEES SUR UNE SURFACE INTERIEURE ET UNE SURFACE EXTERIEURE DUDIT BATIMENT**
[72] DARBY, JASON, US
[73] NATION WIDE PRODUCTS, INC.,
[86] (2858334)
[87] (2858334)
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[30] US (13/958,453) 2013-08-02

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[25] EN
[54] **V1V2 IMMUNOGENS**
[54] **IMMUNOGENES V1V2**
[72] HAYNES, BARTON F., US
[72] LIAO, HUA-XIN, US
[72] KIM, JEROME, US
[72] MICHAEL, NELSON, US
[72] ZOLLA-PAZNER, SUSAN B., US
[73] DUKE UNIVERSITY,
[73] THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY, ON BEHALF OF WALTER REED ARMY INSTITUTE OF RESEARCH,
[73] NEW YORK UNIVERSITY,
[85] 2014-06-05
[86] 2012-12-05 (PCT/US2012/000570)
[87] (WO2013/085550)
[30] US (61/566,884) 2011-12-05
[30] US (61/580,475) 2011-12-27
[30] US (61/613,222) 2012-03-20

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[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/04 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **MARTENSITIC STEELS WITH 1700-2200 MPA TENSILE STRENGTH**
[54] **ACIERS MARTENSITIQUES A LIMITE ELASTIQUE DE 1 700 A 2 200 MPA**
[72] SONG, RONGJIE, US
[72] POTTORE, NARAYAN S., US
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO S.L.,
[85] 2014-05-27
[86] 2012-11-28 (PCT/US2012/066895)
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[30] US (61/629,762) 2011-11-28

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[13] C
[51] **Int.Cl. H04W 12/06 (2009.01) H04N 1/00 (2006.01) H04N 1/327 (2006.01)**
[25] EN
[54] **METHOD FOR PAIRING ELECTRONIC APPARATUSES**
[54] **METHODE D'APPAIRAGE D'EQUIPEMENTS ELECTRONIQUES**
[72] MARSAUD, THIERRY, FR
[72] MENARDAIS, MICHAEL, FR
[73] INGENICO GROUP,
[85] 2014-06-12
[86] 2012-12-24 (PCT/EP2012/076885)
[87] (WO2013/093120)
[30] FR (1162408) 2011-12-23

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[51] **Int.Cl. C09K 8/536 (2006.01) C02F 5/10 (2006.01) C09K 8/524 (2006.01) C09K 8/528 (2006.01) C09K 8/60 (2006.01) C09K 8/66 (2006.01) C09K 8/70 (2006.01) C09K 8/84 (2006.01)**
[25] EN
[54] **PARTICLES CONTAINING ONE OR MORE CONTROLLED RELEASE CROSS-LINKED ACTIVE AGENTS**
[54] **PARTICULES CONTENANT UN OU PLUSIEURS AGENTS ACTIFS RETICULES A LIBERATION CONTROLEE**
[72] FERM, PAUL MICHAEL, US
[72] RODRIGUES, KLIN ALOYSIUS, US
[72] THOMAIDES, JOHN SOCRATES, US
[72] HOLT, STUART, US
[72] ZHOU, JIAN, US
[72] ZHANG, LEI, US
[72] SANDERS, JANNIFER, US
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V.,
[85] 2014-06-13
[86] 2012-12-20 (PCT/EP2012/076256)
[87] (WO2013/092780)
[30] US (61/578,312) 2011-12-21
[30] EP (12159299.2) 2012-03-13
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[13] C
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 33/48 (2006.01) G01N 33/566 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **METHOD FOR LABELING INTRACELLULAR AND EXTRACELLULAR TARGETS OF LEUKOCYTES**
[54] **PROCEDE POUR LE MARQUAGE DE CIBLES INTRACELLULAIRES ET EXTRACELLULAIRES DE LEUCOCYTES**
[72] MALERGUE, FABRICE, FR
[72] VAN AGTHOVEN, ANDREAS, FR
[73] BECKMAN COULTER, INC.,
[85] 2014-06-17
[86] 2012-12-21 (PCT/IB2012/003071)
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[30] EP (11290586.4) 2011-12-21

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[25] EN
[54] **THREE-DIMENSIONAL CAVITIES OF DENDRITIC CELL IMMUNORECEPTOR (DCIR), COMPOUNDS BINDING THERETO AND THERAPEUTIC APPLICATIONS RELATED TO INHIBITION OF HUMAN IMMUNODEFICIENCY VIRUS TYPE-1 (HIV-1)**
[54] **CAVITES TRIDIMENSIONNELLES D'IMMUNORECEPTEUR DE CELLULES DENDRITIQUES (DCIR), COMPOSES SE LIANT A CELLES-CI ET APPLICATIONS THERAPEUTIQUES ASSOCIEES A L'INHIBITION DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE DE TYPE 1 (VIH-1)**
[72] GILBERT, CAROLINE, CA
[72] TREMBLAY, MICHEL J., CA
[72] LIN, SHENG-XIANG, CA
[72] AZZI, AREZKI, SA
[72] LAMBERT, ALEXANDRA, CA
[73] UNIVERSITE LAVAL,
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[25] EN
[54] **PHOTOACTIVATED CHEMICAL BLEACHING OF DYES**
[54] **BLANCHIMENT CHIMIQUE PHOTOACTIVE DE COLORANTS**
[72] NATARAJAN, ARUNKUMAR, US
[72] SOOD, ANUP, US
[72] KAANUMALLE, LAKSHMI SIREESHA, US
[72] CHAN, KWOK PONG, US
[73] GENERAL ELECTRIC COMPANY,
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[51] **Int.Cl. C07D 295/096 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF 1-[2-(2,4-DIMETHYL-PHENYLSULFANYL)-PHENYL]-PIPERAZINE**
[54] **PROCEDE DE FABRICATION DE 1- [2- (2,4-DIMETHYL-PHENYLSULFANYL)-PHENYL]-PIPERAZINE**
[72] CHRISTENSEN, KIM LASSE, DK
[73] H. LUNDBECK A/S,
[85] 2014-06-20
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[30] DK (PA201200006) 2012-01-03
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[51] **Int.Cl. H04W 52/02 (2009.01) H04W 64/00 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD TO ENHANCE BATTERY LIFE IN CELL PHONE DEVICES**
[54] **SYSTEME ET PROCEDE D'AUGMENTATION DE LA DUREE DE VIE D'UNE BATTERIE DANS DES DISPOSITIFS DE TELEPHONE CELLULAIRE**
[72] SINGHAL, TARA CHAND, US
[73] SINGHAL, TARA CHAND,
[85] 2014-07-03
[86] 2012-12-14 (PCT/US2012/069770)
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[30] US (61/631,527) 2012-01-05
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[25] EN
[54] **POLYESTER RESINS WITH PARTICULAR CARBON BLACK AS A REHEAT ADDITIVE**
[54] **RESINES DE POLYESTER CONTENANT UN NOIR DE CARBONE PARTICULAIRE EN TANT QU'ADDITIF DE RECHAUFFAGE**
[72] THOMPSON, DAVID EUGENE, US
[72] CODD, HELEN JANE, US
[73] DAK AMERICAS LLC,
[85] 2014-07-07
[86] 2013-01-11 (PCT/US2013/021106)
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[51] **Int.Cl. G06F 16/903 (2019.01) G06F 16/9032 (2019.01)**
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[54] **CONTEXT-BASED SEARCH QUERY FORMATION**
[54] **FORMATION DE REQUETE DE RECHERCHE SUR LA BASE D'UN CONTEXTE**
[72] BAI, PENG, US
[72] CHEN, ZHENG, US
[72] HUANG, XUEDONG DAVID, US
[72] NI, XIAOCHUAN, US
[72] SUN, JIAN-TAO, US
[72] ZHANG, ZHIMIN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
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[25] EN
[54] **GENERATING AND CACHING SOFTWARE CODE**
[54] **PRODUCTION ET MISE EN MEMOIRE CACHE DE CODE DE LOGICIEL**
[72] FISHER, JOMO, US
[72] JACKSON, MICHAEL WAYNE, US
[72] KILIC, YUNUS, US
[72] LUCCO, STEVEN EDWARD, US
[72] MCGATHA, JESSE D., US
[72] MIADOWICZ, JEDRZEJ Z., US
[72] STEINER, STEVEN J., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
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[25] EN
[54] **A CONTROL, PROTECTION AND POWER MANAGEMENT SYSTEM FOR AN ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE COMMANDE, DE PROTECTION ET DE GESTION DE PUISSANCE POUR UN SYSTEME DE STOCKAGE D'ENERGIE**
[72] SUDAN, HIMANSHU, CA
[72] PIZZURRO, CARMINE, CA
[72] IRAVANI, REZA, CA
[72] GRAOVAC, MILAN, CA
[73] ECAMION INC.,
[85] 2014-07-17
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[54] **THERMOSTATIC SHOWER VALVE**
[54] **VANNE DE DOUCHE THERMOSTATIQUE**
[72] GRAVES, JAMES C., US
[72] QUIJADA, BORIS, US
[72] O'BRIEN, THOMAS, US
[73] GRAVES, JAMES C.,
[73] QUIJADA, BORIS,
[73] O'BRIEN, THOMAS,
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[54] **THERMOSTATIC VALVE WITH ANTI-FAILURE PROVISIONS**
[54] **VANNE THERMOSTATIQUE DOTEE DE MECANISMES ANTI-DEFAILLANCE**
[72] GRAVES, JAMES C., US
[72] ZIVANCEVIC, DEJAN, US
[73] ACORN ENGINEERING COMPANY,
[86] (2861686)
[87] (2861686)
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[25] EN
[54] **REPLACEMENT HEAD FOR AN ORAL CARE IMPLEMENT, AND ORAL CARE IMPLEMENT AND METHOD OF UTILIZING THE SAME**
[54] **TETE DE REMPLACEMENT POUR ACCESSOIRE DE SOINS BUCCO-DENTAIRES, ACCESSOIRE DE SOINS BUCCO-DENTAIRES L'UTILISANT ET PROCEDE D'UTILISATION ASSOCIE**
[72] YOSHIDA, HIDEAKI, JP
[72] TORIHAMA, TAKASHI, JP
[72] MINTEL, THOMAS, US
[72] FATTORI, JOSEPH, US
[73] COLGATE-PALMOLIVE COMPANY,
[73] OMRON HEALTHCARE CO., LTD.,
[85] 2014-06-27
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[25] EN
[54] **TWO-STAGE REACTOR AND PROCESS FOR CONVERSION OF SOLID BIOMASS MATERIAL**
[54] **REACTEUR A DEUX ETAGES ET PROCEDE POUR LA CONVERSION DE MATERIAU DE BIOMASSE SOLIDE**
[72] LOEZOS, PETER, US
[72] BIBENS, BRIAN, US
[72] CORDLE, RONALD, US
[72] ADKINS, BRUCE, US
[72] HACSKAYLO, JOHN, US
[73] KIOR, INC.,
[85] 2014-06-27
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[25] EN
[54] **DRY POWDER FORMULATION COMPRISING A CORTICOSTEROID AND A BETA-ADRENERGIC FOR ADMINISTRATION BY INHALATION**
[54] **FORMULATION DE POUDRE SECHE COMPORTANT UN CORTICOSTEROIDE ET UN BETA-ADRENERGIQUE POUR ADMINISTRATION PAR INHALATION**
[72] MONARI, ELISA, IT
[72] CANTARELLI, ANNA MARIA, IT
[72] COCCONI, DANIELA, IT
[72] PASQUALI, IRENE, IT
[73] CHIESI FARMACEUTICI S.P.A.,
[85] 2014-07-24
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[54] **PRESSURE REDUCER**
[54] **REDUCTEUR DE PRESSION**
[72] FITZGERALD, WILLIAM V., US
[73] FISHER CONTROLS INTERNATIONAL LLC,
[85] 2014-07-24
[86] 2013-02-07 (PCT/US2013/025010)
[87] (WO2013/119722)
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[25] EN
[54] **ANTI-PHOSPHOLIPASE D4 ANTIBODY**
[54] **ANTICORPS DIRIGE CONTRE LA PHOSPHOLIPASE D4**
[72] CHO, MINKWON, JP
[72] YAMAZAKI, TOMOHIDE, JP
[72] ENDO, MAYUKI, JP
[72] ISHIDA, KOJI, JP
[73] SBI BIOTECH CO., LTD.,
[85] 2014-07-28
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[25] EN
[54] **ASYMMETRIC HAIRPIN TARGET CAPTURE OLIGOMERS**
[54] **SONDES OLIGOMERIQUES ASYMETRIQUES EN EPINGLE A CHEVEU**
[72] CARLSON, JAMES, US
[72] POLLNER, REINHOLD, US
[72] BRENTANO, STEVEN T., US
[73] GEN-PROBE INCORPORATED,
[85] 2014-07-28
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[25] EN
[54] **POLYLACTIC ACID CONTAINING BUILDING COMPONENT**
[54] **ELEMENT DE CONSTRUCTION CONTENANT DE L'ACIDE POLYLACTIQUE**
[72] DEANER, MICHAEL, US
[72] GRONLUND, PATRICK, US
[72] MORELLI, LARRY, US
[72] REED, STACHA, US
[73] ANDERSEN CORPORATION,
[85] 2014-07-28
[86] 2013-02-15 (PCT/US2013/026395)
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[30] US (61/600,292) 2012-02-17

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[51] **Int.Cl. C02F 1/00 (2006.01) C02F 1/68 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING ADDITION RATE OF AN ODOR CONTROL CHEMICAL**
[54] **PROCEDE DE REGULATION DU DEBIT D'AJOUT D'UN PRODUIT CHIMIQUE DE DESODORISATION**
[72] LAND, GREG, US
[72] ABINET, RODERICK, US
[72] SOPER, DAVID, US
[73] KEMIRA OYJ,
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[51] **Int.Cl. G01N 23/09 (2018.01) G01N 23/087 (2018.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE CONCENTRATION OF AN ELEMENT IN A MATERIAL**
[54] **PROCEDE POUR DETERMINER LA CONCENTRATION D'UN ELEMENT DANS UN MATERIAU**
[72] KLEIN, ALBERT, DE
[73] KATZ, ELISABETH,
[85] 2014-08-05
[86] 2013-02-04 (PCT/EP2013/000332)
[87] (WO2013/117312)
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[25] EN
[54] **PARTIAL OXIDATION REACTION WITH CLOSED CYCLE QUENCH**
[54] **REACTION D'OXYDATION PARTIELLE AVEC DESACTIVATION EN CYCLE FERME**
[72] ALLAM, RODNEY JOHN, GB
[72] FETVEDT, JEREMY ERON, US
[72] PALMER, MILES R., US
[73] PALMER LABS, LLC,
[73] 8 RIVERS CAPITAL, LLC,
[85] 2014-08-07
[86] 2013-02-11 (PCT/US2013/025563)
[87] (WO2013/120070)
[30] US (61/597,719) 2012-02-11

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[51] **Int.Cl. F16K 37/00 (2006.01) F16K 17/16 (2006.01)**
[25] EN
[54] **QUALITY CONTROL FOR A PRESSURE RELIEF DEVICE**
[54] **CONTROLE DE QUALITE POUR LIMITEUR DE PRESSION**
[72] TOMASKO, JOHN, IE
[72] GOGGIN, PAUL, IE
[72] BRAZIER, GEOFFREY, US
[73] BS&B SAFETY SYSTEMS LIMITED,
[85] 2014-08-11
[86] 2013-02-14 (PCT/US2013/026114)
[87] (WO2013/123170)
[30] US (61/633,570) 2012-02-14
[30] US (61/633,770) 2012-02-17

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[51] **Int.Cl. A61K 47/04 (2006.01) A61K 9/127 (2006.01) A61K 31/704 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **THERMOSENSITIVE NANOPARTICLE FORMULATIONS AND METHOD OF MAKING THE SAME**
[54] **FORMULATIONS DE NANOPARTICULES THERMOSENSIBLES ET LEUR PROCEDE DE FABRICATION**
[72] REED, ROBERT A., US
[72] SU, DAISHUI, US
[73] CELSION CORPORATION,
[85] 2014-08-12
[86] 2013-02-15 (PCT/US2013/026453)
[87] (WO2013/123407)
[30] US (61/600,418) 2012-02-17

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[13] C
[51] **Int.Cl. B65D 1/42 (2006.01) B29C 49/02 (2006.01) B65D 1/22 (2006.01)**
[25] EN
[54] **CONTAINER WITH REINFORCED UPPER PORTION FOR RECEIVING WELDED CLOSURE**
[54] **CONTENANT POURVU D'UNE PARTIE SUPERIEURE RENFORCEE POUR RECEVOIR UNE FERMETURE SOUDEE**
[72] LEWIS, MATTHEW RYAN, US
[72] GRATKE, JAMES CLAYTON, US
[72] THIERJUNG, GEORGE ALEX, US
[73] AMCOR RIGID PLASTICS USA, LLC,
[85] 2014-08-13
[86] 2013-02-19 (PCT/US2013/026667)
[87] (WO2013/126328)
[30] US (61/602,211) 2012-02-23

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[51] **Int.Cl. B04B 5/00 (2006.01) B01D 17/038 (2006.01)**
[25] EN
[54] **APPARATUS FOR CENTRIFUGATION AND METHODS THEREFORE**
[54] **APPAREIL POUR LA CENTRIFUGATION ET PROCEDES ASSOCIES**
[72] CHAPMAN, JOHN R., US
[72] SPARKS, RODNEY, US
[73] MICROAIRE SURGICAL INSTRUMENTS, LLC,
[85] 2014-08-14
[86] 2013-02-15 (PCT/US2013/000036)
[87] (WO2013/122683)
[30] US (61/599,409) 2012-02-15
[30] US (61/606,618) 2012-03-05

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[51] **Int.Cl. H05B 47/175 (2020.01)**
[25] EN
[54] **SMART BULB SYSTEM**
[54] **SYSTEME D'AMPOULE INTELLIGENTE**
[72] PRASKE, ROBERT M., US
[72] RUMBAUGH, STEPHEN R., US
[72] HARDESTY, GRANT E., US
[72] HAMILTON, THOMAS A., US
[73] ANYCOMM CORPORATION,
[85] 2014-08-15
[86] 2013-02-12 (PCT/US2013/025746)
[87] (WO2013/122935)
[30] US (13/397,490) 2012-02-15

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[51] **Int.Cl. G05B 23/02 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **SCHEDULING ACTIONS IN A FIELD DEVICE**
[54] **PROGRAMMATION D'ACTIONS DANS UN DISPOSITIF DE TERRAIN**
[72] JENSEN, KURTIS K., US
[72] PANTHER, MITCHELL S., US
[72] KIRNER, TOM W., US
[73] FISHER CONTROLS INTERNATIONAL LLC,
[85] 2014-08-15
[86] 2013-02-27 (PCT/US2013/027920)
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[30] US (13/409,016) 2012-02-29

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[13] C
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/08 (2019.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61P 35/00 (2006.01) C07K 7/08 (2006.01) C07K 14/71 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR GENERATING CD8+ T CELLS HAVING THE ABILITY TO RECOGNIZE CANCER CELLS EXPRESSING A HER2/NEU POLYPEPTIDE**
[54] **PROCEDES ET MATERIELS POUR LA GENERATION DE LYMPHOCYTES T CD8+ AYANT LA CAPACITE DE RECONNAITRE DES CELLULES CANCEREUSES EXPRIMANT UN POLYPEPTIDE HER2/NEU**
[72] KNUTSON, KEITH L., US
[72] HENLE, ANDREA M., US
[73] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH,
[85] 2014-08-15
[86] 2013-02-15 (PCT/US2013/026484)
[87] (WO2013/123424)
[30] US (61/600,480) 2012-02-17

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[13] C
[51] **Int.Cl. G01M 11/02 (2006.01) G01B 11/24 (2006.01)**
[25] FR
[54] **METHOD AND TOOL FOR MEASURING THE GEOMETRIC STRUCTURE OF AN OPTICAL COMPONENT**
[54] **PROCEDE ET APPAREIL DE MESURE DE LA STRUCTURE GEOMETRIQUE D'UN COMPOSANT OPTIQUE**
[72] GUEU, STEPHANE, FR
[72] LAVILLONNIERE, NICOLAS, FR
[72] MURADORE, FABIEN, FR
[72] LAKHOUA, ASMA, FR
[73] ESSILOR INTERNATIONAL,
[85] 2014-08-18
[86] 2013-03-08 (PCT/EP2013/054751)
[87] (WO2013/132072)
[30] EP (12290084.8) 2012-03-09

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[51] **Int.Cl. A01N 43/56 (2006.01) A01N 53/00 (2006.01) A61K 31/22 (2006.01) A61K 31/415 (2006.01) A61K 47/14 (2017.01) A61K 47/20 (2006.01) A61P 33/00 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS COMPRISING FIPRONIL AND PERMETHRIN AND METHODS OF USE**
[54] **COMPOSITION TOPIQUE COMPRENANT DU FIPRONIL ET DE LA PERMETHRINE ET SES METHODES D'UTILISATION**
[72] SOLL, MARK DAVID, US
[72] PATE, JAMES, US
[72] BAKER, LISA A., US
[73] BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC.,
[85] 2014-08-20
[86] 2013-02-22 (PCT/US2013/027312)
[87] (WO2013/126694)
[30] US (61/602,472) 2012-02-23

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[51] **Int.Cl. C01B 3/02 (2006.01) C01B 3/36 (2006.01) C01B 3/38 (2006.01) C01B 3/48 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING AMMONIA SYNTHESIS GAS AND A RELATED FRONT-END OF AN AMMONIA PLANT**
[54] **PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE D'AMMONIAC ET UNE INSTALLATION CONNEXE EN AMONT DE PRODUCTION D'AMMONIAC**
[72] FILIPPI, ERMANNO, CH
[72] OSTUNI, RAFFAELE, IT
[73] CASALE SA,
[85] 2014-08-22
[86] 2013-01-15 (PCT/EP2013/050628)
[87] (WO2013/124092)
[30] EP (12156815.8) 2012-02-24

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[13] C
[51] **Int.Cl. A01N 25/04 (2006.01) A01N 37/34 (2006.01) A01N 51/00 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **SUSPOEMULSION**
[54] **SUSPOEMULSION**
[72] TANAKA, TAKUYA, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED,
[85] 2014-08-27
[86] 2013-02-27 (PCT/JP2013/056053)
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[30] JP (2012-043086) 2012-02-29

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[25] EN
[54] **IMIDAZO [1, 2 - B] PYRIDAZINE - BASED COMPOUNDS, COMPOSITIONS COMPRISING THEM, AND USES THEREOF**
[54] **COMPOSES A BASE D'IMIDAZO [1, 2-B] PYRIDAZINE, COMPOSITIONS LES COMPRENANT ET UTILISATIONS DE CEUX-CI**
[72] BI, YINGZHI, US
[72] CARSON, KENNETH GORDON, US
[72] CIANCHETTA, GIOVANNI, US
[72] GREEN, MICHAEL ALAN, US
[72] KUMI, GODWIN, US
[72] LIANG, ZHI, US
[72] LIU, YING JADE, US
[72] MAIN, ALAN, US
[72] ZHANG, YULIAN, US
[72] ZIPP, GLENN GREGORY, US
[73] LEXICON PHARMACEUTICALS, INC.,
[85] 2014-08-29
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[25] FR
[54] **BATTERY COMPRISING A PLURALITY OF ELECTROCHEMICAL CELLS AND, FOR EACH CELL, A DEVICE FOR CONTROLLING THE VOLTAGE ACROSS THE TERMINALS OF SAID CELL**
[54] **PILE COMPRENANT UNE PLURALITE DE CELLULES ELECTROCHIMIQUES ET, POUR CHAQUE CELLULE, UN DISPOSITIF DE CONTROLE DE LA TENSION AUX BORNES DE LADITE CELLULE**
[72] PHLIPPOTEAU, VINCENT, FR
[73] AREVA STOCKAGE D'ENERGIE,
[85] 2014-09-03
[86] 2013-03-14 (PCT/EP2013/055259)
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[25] EN
[54] **NO BAKE GRANOLA PRODUCT AND METHODS OF PREPARATION**
[54] **PRODUIT A BASE DE CEREALES SANS CUISSON ET PROCEDES DE PREPARATION**
[72] ROBIE, STEVEN C., US
[72] ZIETLOW, PHILIP K., US
[72] JOHNSON, JEREMY LINN, US
[73] GENERAL MILLS, INC.,
[85] 2014-09-03
[86] 2013-03-20 (PCT/US2013/033044)
[87] (WO2013/148420)
[30] US (13/434,557) 2012-03-29

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[51] **Int.Cl. H04L 29/08 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **MANAGING SELECTIVE ACCESS OF A USER EQUIPMENT TO INTERNET-BASED SERVICES BASED ON TRANSPORT TYPE**
[54] **GERER L'ACCES SELECTIF D'UN EQUIPEMENT UTILISATEUR A DES SERVICES BASES SUR INTERNET SUR LA BASE DU TYPE DE TRANSPORT**
[72] CHA, DAVID S., US
[72] DENINGER, DANIEL A., US
[72] OERTLE, KENNETH H., US
[72] RIGGS, JASON M., US
[73] OMNITRACS, LLC,
[85] 2014-09-04
[86] 2013-03-05 (PCT/US2013/029154)
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[25] FR
[54] **METHOD FOR MEASURING THE THERMAL STABILITY OF A SUCCINIC ACID CRYSTAL INTENDED FOR THE PRODUCTION OF POLYMERS**
[54] **METHODE DE MESURE DE LA STABILITE THERMIQUE D'UN ACIDE SUCCINIQUE CRISTALLIN DESTINE A LA FABRICATION DE POLYMERES**
[72] FIEY, GUILLAUME, FR
[72] GUILLEMANT, MARILYNE, FR
[72] ROTURIER, JEAN-MICHEL, FR
[72] JACQUEL, NICOLAS, FR
[73] ROQUETTE FRERES,
[85] 2014-08-28
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[25] EN
[54] **OLIGOMERISATION OF OLEFINIC COMPOUNDS WITH REDUCED POLYMER FORMATION**
[54] **OLIGOMERISATION DE COMPOSES OLEFINIQUES AVEC FORMATION REDUITE DE POLYMERE**
[72] HANTON, MARTIN JOHN, GB
[72] SMITH, DAVID MATTHEW, GB
[72] GABRIELLI, WILLIAM FULLARD, GB
[72] EVANS, STEPHEN JOHN, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED,
[85] 2014-09-10
[86] 2013-05-08 (PCT/IB2013/053693)
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[51] **Int.Cl. F28F 25/08 (2006.01)**
[25] EN
[54] **HYBRID COOLER WITH BIFURCATED EVAPORATIVE SECTION**
[54] **REFROIDISSEUR HYBRIDE A SECTION EVAPORATOIRE BIFURQUEE**
[72] BUGLER, THOMAS W., US
[72] HAMILTON, JENNIFER J., US
[73] EVAPCO, INC.,
[85] 2014-09-10
[86] 2013-03-18 (PCT/US2013/032815)
[87] (WO2013/138807)
[30] US (61/612,095) 2012-03-16
[30] US (13/839,704) 2013-03-15

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[25] EN
[54] **DIETHER BASED BIODEGRADABLE CATIONIC LIPIDS FOR SIRNA DELIVERY**
[54] **LIPIDES CATIONIQUES BIODEGRADABLES A BASE DE DIETHER POUR L'ADMINISTRATION DE PETIT ARNI**
[72] STANTON, MATTHEW G., US
[72] BUDZIK, BRIAN W., US
[72] COLLETTI, STEVEN L., US
[73] SIRNA THERAPEUTICS, INC.,
[85] 2014-09-12
[86] 2013-03-25 (PCT/US2013/033641)
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[30] US (61/615,982) 2012-03-27

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[51] **Int.Cl. C07C 45/40 (2006.01) C07C 29/136 (2006.01) C07C 31/125 (2006.01) C07C 47/21 (2006.01)**
[25] EN
[54] **GUERBET ALCOHOLS AND METHODS FOR PREPARING AND USING SAME**
[54] **ALCOOLS DE GUERBET ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] FOLEY, PATRICK, US
[72] YANG, YONGHUA, US
[73] P2 SCIENCE, INC.,
[85] 2014-09-17
[86] 2013-03-13 (PCT/US2013/030962)
[87] (WO2013/142206)
[30] US (61/613,867) 2012-03-21
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[13] C
[51] **Int.Cl. A61L 27/30 (2006.01) A61C 8/00 (2006.01) A61C 13/00 (2006.01)**
[25] EN
[54] **A MEDICAL DEVICE HAVING A SURFACE COMPRISING GALLIUM OXIDE**
[54] **DISPOSITIF MEDICAL PRESENTANT UNE SURFACE COMPRENANT DE L'OXYDE DE GALLIUM**
[72] ARVIDSSON, ANNA, SE
[72] JOHANSSON, ANDERS, SE
[72] ROOTH, MARTEN, SE
[73] DENTSPLY IH AB,
[85] 2014-09-18
[86] 2013-03-27 (PCT/EP2013/056480)
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[30] US (61/617,940) 2012-03-30
[30] EP (12162632.9) 2012-03-30

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/12 (2006.01)**
[25] EN
[54] **SOFT CHEWABLE PHARMACEUTICAL PRODUCTS**
[54] **PRODUITS PHARMACEUTIQUES MOUS POUVANT ETRE MACHES**
[72] ALTEHELD, SUSI, DE
[72] FUCHS, STEFAN, DE
[72] HANG, CARINA, DE
[72] LUTZ, JURGEN, DE
[73] INTERVET INTERNATIONAL B.V.,
[85] 2014-09-24
[86] 2013-04-03 (PCT/EP2013/056987)
[87] (WO2013/150052)
[30] EP (12163198.0) 2012-04-04
[30] US (61/782,434) 2013-03-14

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[13] C
[51] **Int.Cl. H01M 4/96 (2006.01) H01M 8/0234 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **GAS DIFFUSION ELECTRODE MEDIUM FOR FUEL CELL**
[54] **SUBSTRAT D'ELECTRODE DE DIFFUSION DE GAZ POUR UNE PILE A COMBUSTIBLE**
[72] UTSUNOMIYA, MASAMICHI, JP
[72] KAMAE, TOSHIYA, JP
[73] TORAY INDUSTRIES, INC.,
[85] 2014-09-26
[86] 2013-04-25 (PCT/JP2013/062228)
[87] (WO2013/172174)
[30] JP (2012-110240) 2012-05-14

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[25] EN
[54] **PHARMACEUTICAL FORMULATIONS COMPRISING CCR3 ANTAGONISTS**
[54] **FORMULATIONS PHARMACEUTIQUES COMPRENANT DES ANTAGONISTES DE CCR3**
[72] FETSCHER, ALFRED, DE
[72] SCHER, JOCHEN MATTHIAS, DE
[73] ALKAHEST, INC.,
[85] 2014-09-30
[86] 2013-04-02 (PCT/EP2013/056867)
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[30] EP (12163078.4) 2012-04-04

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[13] C
[51] **Int.Cl. C07D 209/38 (2006.01) A61K 31/404 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING EWINGS SARCOMA FAMILY OF TUMORS**
[54] **METHODES ET COMPOSITIONS PERMETTANT DE TRAITER DES TUMEURS DE LA FAMILLE DU SARCOME D'EWING**
[72] TORETSKY, JEFFREY A., US
[72] BROWN, MILTON LANG, US
[72] TOSSO, PERRER N., US
[72] UREN, AYKUT, US
[72] KONG, YALI, US
[73] GEORGETOWN UNIVERSITY,
[85] 2014-10-02
[86] 2013-04-11 (PCT/US2013/036234)
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[30] US (61/623,349) 2012-04-12

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[13] C
[51] **Int.Cl. F28F 11/00 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR REPAIRING A PLATE PACK OF A HEAT EXCHANGER**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE REPARER UN GROUPEMENT DE PLAQUES D'UN ECHANGEUR DE CHALEUR**
[72] HENRIKSSON, TIMO, FI
[73] VAHTERUS OY,
[85] 2014-10-20
[86] 2013-05-28 (PCT/FI2013/050580)
[87] (WO2013/178879)
[30] FI (20125568) 2012-05-28

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[13] C
[51] **Int.Cl. C07K 16/18 (2006.01)**
[25] EN
[54] **ANTIBODIES OR FRAGMENTS THEREOF FOR USE IN THE TREATMENT OF OCULAR DISEASES.**
[54] **ANTICORPS OU LEURS FRAGMENTS DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE MALADIES OCULAIRES.**
[72] HERNANDEZ PASCUAL, CRISTINA, ES
[72] SIMO CANONGE, RAFAEL, ES
[73] FUNDACIO HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA,
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[86] 2013-04-29 (PCT/EP2013/058836)
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[30] EP (12382161.3) 2012-04-30

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[13] C
[51] **Int.Cl. G09F 21/06 (2006.01) B64B 1/40 (2006.01) H04N 5/30 (2006.01)**
[25] EN
[54] **METHOD OF TRANSPORTING AND RECORDING IMAGERY OF A PLURALITY OF SIMILAR OBJECTS TO NEAR SPACE**
[54] **METHODE DE TRANSPORT ET D'ENREGISTREMENT D'IMAGERIE D'UNE PLURALITE D'OBJETS SIMILAIRES PROCHES DE L'ESPACE**
[72] STELMACK, DENNIS J., CA
[73] STELMACK, DENNIS J.,
[86] (2871225)
[87] (2871225)
[22] 2014-11-10
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[25] EN
[54] **METHODS OF TREATING CONDITIONS WITH ANTIBODIES THAT BIND COLONY STIMULATING FACTOR 1 RECEPTOR (CSF1R)**
[54] **METHODES DESTINEES A TRAITER DES AFFECTIONS AVEC DES ANTICORPS QUI SE LIENT AU RECEPTEUR DU FACTEUR 1 DE STIMULATION DES COLONIES (CSF1R)**
[72] WONG, BRIAN, US
[72] MASTELLER, EMMA, US
[72] WONG, JUSTIN, US
[72] LIN, HAISHAN, US
[73] FIVE PRIME THERAPEUTICS, INC.,
[85] 2014-10-23
[86] 2012-05-11 (PCT/US2012/037520)
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[13] C
[51] **Int.Cl. H04W 84/18 (2009.01)**
[25] EN
[54] **SCALABLE PROTOCOL FOR LARGE WSNS HAVING LOW DUTY CYCLE END NODES**
[54] **PROTOCOLE EVOLUTIF POUR GRANDS RESEAUX WSN AYANT DES N□UDS D'EXTREMITE A FAIBLE RAPPORT CYCLIQUE**
[72] RASBAND, PAUL BRENT, US
[72] HALL, STEWART E., US
[73] SENSORMATIC ELECTRONICS LLC,
[85] 2014-10-23
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[51] **Int.Cl. A61B 5/02 (2006.01) G16H 40/60 (2018.01) G16H 50/30 (2018.01) A61M 1/14 (2006.01)**
[25] EN
[54] **HEMODYNAMIC RESERVE MONITOR AND HEMODIALYSIS CONTROL**
[54] **MONITEUR DE LA RESERVE HEMODYNAMIQUE ET CONTROLE DE L'HEMODIALYSE**
[72] GRUDIC, GREGORY ZLATKO, US
[72] MOULTON, STEVEN LEE, US
[72] MULLIGAN, ISOBEL JANE, US
[73] FLASHBACK TECHNOLOGIES, INC.,
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE,
[85] 2014-10-24
[86] 2012-07-20 (PCT/US2012/047659)
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[30] US (61/510,792) 2011-07-22
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[13] C
[51] **Int.Cl. A61M 37/00 (2006.01) A61K 9/00 (2006.01) A61K 31/704 (2006.01)**
[25] EN
[54] **TIP-LOADED MICRONEEDLE ARRAYS FOR TRANSDERMAL INSERTION**
[54] **RESEAUX DE MICRO-AIGUILLES A EXTREMITE CHARGEE POUR L'INSERTION TRANSDERMIQUE**
[72] FALO, LOUIS D., JR., US
[72] ERDOS, GEZA, US
[72] OZDOGANLAR, O. BURAK, US
[73] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION,
[73] CARNEGIE MELLON UNIVERSITY,
[85] 2014-10-27
[86] 2013-05-01 (PCT/US2013/039084)
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[30] US (61/641,209) 2012-05-01

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[13] C
[51] **Int.Cl. C07G 1/00 (2011.01) C08H 8/00 (2010.01)**
[25] EN
[54] **A METHOD FOR FRACTIONATING LIGNIN**
[54] **PROCEDE DE FRACTIONNEMENT DE LA LIGNINE**
[72] ESKELINEN, KATI, FI
[72] VALKONEN, SANNA, DE
[72] PIETARINEN, SUVI, FI
[73] UPM-KYMMENE CORPORATION,
[85] 2014-10-31
[86] 2013-06-05 (PCT/FI2013/050607)
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[51] **Int.Cl. G08B 13/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING PRESENCE OF AN OBJECT**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETECTER LA PRESENCE D'UN OBJET**
[72] ALICOT, JORGE F., US
[72] MOHIUDDIN, MOHAMMAD, US
[73] SENSORMATIC ELECTRONICS LLC,
[85] 2014-10-31
[86] 2013-03-25 (PCT/US2013/033710)
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[30] US (61/618,130) 2012-03-30

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[25] EN
[54] **HIGH YIELD TRANSIENT EXPRESSION IN MAMMALIAN CELLS USING UNIQUE PAIRING OF HIGH DENSITY GROWTH AND TRANSFECTION MEDIUM AND EXPRESSION ENHANCERS**
[54] **EXPRESSION TRANSITOIRE A HAUT RENDEMENT DANS DES CELLULES DE MAMMIFERE A L'AIDE D'UN APPARIEMENT UNIQUE D'UN MILIEU DE CROISSANCE ET DE TRANSFECTION A HAUTE DENSITE ET D'ACTIVATEURS D'EXPRESSION**
[72] VASU, SANJAY K., US
[72] CHIOU, HENRY C., US
[72] ROGERS, JEFFREY, US
[72] CISNEROS, MARIA, US
[72] LI, JINGQIU, US
[72] LIU, CHAO YAN, US
[72] JONES, MEREDITH, US
[73] LIFE TECHNOLOGIES CORPORATION,
[85] 2014-11-03
[86] 2013-05-02 (PCT/US2013/039351)
[87] (WO2013/166339)
[30] US (61/641,864) 2012-05-02

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[13] C
[51] **Int.Cl. H01F 38/18 (2006.01) H01F 27/28 (2006.01) H01F 30/12 (2006.01)**
[25] FR
[54] **THREE-PHASE TRANSFORMER WITH THREE MAGNETIC CORES INCLUDING RADIAL AND ANNULAR WINDINGS**
[54] **TRANSFORMATEUR TRIPHASE A TROIS NOYAUX MAGNETIQUES AVEC BOBINAGES RADIAL ET ANNULAIRE**
[72] DUVAL, CEDRIC, FR
[73] LABINAL POWER SYSTEMS,
[85] 2014-11-05
[86] 2013-05-03 (PCT/FR2013/050987)
[87] (WO2013/167830)
[30] FR (1254298) 2012-05-10

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[13] C
[51] **Int.Cl. C07D 403/14 (2006.01) C07D 249/04 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF TRIAZOLE COMPOUNDS**
[54] **PROCEDE DE PRODUCTION DE COMPOSES TRIAZOLE**
[72] MILITZER, HANS-CHRISTIAN, DE
[72] EGGERT, JOHANNES, DE
[73] BAYER PHARMA AKTIENGESELLSCHAFT,
[85] 2014-11-05
[86] 2013-05-06 (PCT/EP2013/059418)
[87] (WO2013/167552)
[30] EP (12167152.3) 2012-05-08

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[13] C
[51] **Int.Cl. A61M 5/178 (2006.01) A61L 2/20 (2006.01) A61L 31/04 (2006.01) A61M 5/315 (2006.01) B65B 3/00 (2006.01) B65B 55/02 (2006.01)**
[25] EN
[54] **PREFILLED CONTAINER SYSTEMS**
[54] **SYSTEMES DE CONTENEUR PREREMPLI**
[72] KUEHNE, KELLEY, US
[72] BAUER, JOHN T., US
[72] CARPENTER, CURT, US
[72] LEGINSKI, JESSICA, US
[73] CENTURION MEDICAL PRODUCTS CORPORATION,
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[86] 2013-05-07 (PCT/US2013/039884)
[87] (WO2013/184270)
[30] US (61/643,603) 2012-05-07
[30] US (13/804,557) 2013-03-14

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[13] C
[51] **Int.Cl. C09K 5/04 (2006.01)**
[25] EN
[54] **TERNARY HYDROFLUOROCARBON REFRIGERANT GAS COMPOSITION**
[54] **COMPOSITION DE GAZ FRIGORIGENE D'HYDROFLUOROCARBONE TERNAIRE**
[72] MCKENNA, CHARLES P., ES
[73] ECO D'GAS AS,
[85] 2014-11-07
[86] 2013-05-08 (PCT/NO2013/050083)
[87] (WO2013/169118)
[30] US (61/645,697) 2012-05-11

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[13] C
[51] **Int.Cl. F16B 25/00 (2006.01) F16B 35/06 (2006.01)**
[25] EN
[54] **FASTENER WITH MULTIPLE THREADED REGIONS**
[54] **ELEMENT DE FIXATION COMPRENANT DE MULTIPLES REGIONS FILETEES**
[72] PARK, JEREMY SCOTT, US
[73] SIMPSON STRONG-TIE COMPANY, INC.,
[73] PARK, JEREMY SCOTT,
[85] 2014-11-10
[86] 2013-05-10 (PCT/US2013/040592)
[87] (WO2013/170180)
[30] US (13/468,861) 2012-05-10

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[13] C
[51] **Int.Cl. A23L 27/40 (2016.01) A21D 2/02 (2006.01) A21D 2/36 (2006.01)**
[25] EN
[54] **SALT REPLACEMENT COMPOSITION, A PROCESS FOR MAKING A SALT REPLACEMENT COMPOSITION, AND ITS USE IN BAKED DOUGH PRODUCTS**
[54] **COMPOSITION FORMANT UN SUBSTITUT DE SEL, PROCEDE DE FABRICATION D'UNE COMPOSITION FORMANT UN SUBSTITUT DE SEL ET UTILISATION DE LADITE COMPOSITION DANS DES PRODUITS A BASE DE PATE CUITE**
[72] VAN DEN ELSHOUT, WILHELMUS HUBERTUS HENRICUS ANTONIUS, NL
[72] KLERKEN, JOHANNES GISBERT GERARDUS MARIA, JR., NL
[73] SCELTA UMAMI HOLDING B.V.,
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[54] **UNITE DE POMPE, SYSTEME ET PROCEDE DE CONFIGURATION D'UNITE DE POMPE**
[72] LAING, KARSTEN, DE
[73] XYLEM IP HOLDINGS LLC,
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[54] **SYSTEMS AND METHODS FOR SUPPRESSING FIRE IN CONTAINERS**
[54] **SYSTEMES ET PROCEDES D'EXTINCTION D'INCENDIE DANS DES CONTENANTS**
[72] PETZINGER, MARK R., US
[73] FEDERAL EXPRESS CORPORATION,
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[54] **SEPARATOR DEVICE**
[54] **DISPOSITIF DE SEPARATION**
[72] ADEY, CHRISTOPHER, GB
[72] TAYLOR, MATTHEW, GB
[72] DOWNIE, SIMON, GB
[73] ADEY HOLDINGS (2008) LIMITED,
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[54] **METHOD FOR DETERMINING A CONCENTRATION OF A POLYSORBATE SPECIES IN A MIXTURE**
[54] **PROCEDE DE DETERMINATION D'UNE CONCENTRATION D'UNE ESPECE DE POLYSORBATE DANS UN MELANGE**
[72] GBAGUIDI, BENEDICTE, BE
[72] GERMAY, OLIVIER C., BE
[72] LARDAU, SONIA, BE
[73] GLAXOSMITHKLINE BIOLOGICALS SA,
[85] 2014-11-19
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[54] **SAFETY VALVE CONTROL SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE COMMANDE DE SOUPAPE DE SECURITE ET PROCEDE D'UTILISATION**
[72] LYMBEROPOLOUS, DAVID, US
[72] MATTHEWS, BENJAMIN R., US
[73] SAFOCO, INC.,
[85] 2014-11-21
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[54] **A CUP WITH INTEGRAL CLOSURE FLAPS RESTRICTING SPILLAGE**
[54] **GOBELET POURVU DE RABATS DE FERMETURE SOLIDAIRES LIMITANT LE RENVERSEMENT DE LIQUIDE**
[72] LU, WEI, IE
[72] DUGGAN, KENNETH, IE
[73] HANPAK LIMITED,
[85] 2014-11-24
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[54] **VASCULAR ACCESS CONFIGURATION**
[54] **CONFIGURATION D'ACCES VASCULAIRE**
[72] ELLINGWOOD, BRIAN ANDREW, US
[72] MODESITT, D. BRUCE, US
[73] ARSTASIS, INC.,
[85] 2014-11-24
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[54] **SOIL REINFORCEMENT SYSTEM INCLUDING ANGLED SOIL REINFORCEMENT ELEMENTS TO RESIST SEISMIC SHEAR FORCES AND METHODS OF MAKING SAME**
[54] **SYSTEME DE RENFORT DE SOL COMPRENANT DES ELEMENTS INCLINES DE RENFORT DE SOL POUR RESISTER AUX FORCES DE CISAILLEMENT SISMIQUES ET SES PROCEDES DE FABRICATION**
[72] GREEN, RUSSELL, US
[72] WISSMANN, KORD J., US
[73] GEOPIER FOUNDATION COMPANY, INC.,
[85] 2014-11-25
[86] 2013-06-07 (PCT/US2013/044749)
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[25] EN
[54] **CAPILLARY ELECTROPHORESIS FOR RESERVOIR FLUID ANALYSIS AT WELLSITE AND LABORATORY**
[54] **ELECTROPHORESE CAPILLAIRE POUR ANALYSE DE FLUIDE DE RESERVOIR AU NIVEAU D'UN SITE DE PUITS ET D'UN LABORATOIRE**
[72] MAHAVADI, SHARATH CHANDRA, CA
[72] SZABO, GEZA HORVATH, RU
[72] ANDERSEN, SIMON IVAR, CA
[73] SCHLUMBERGER CANADA LIMITED,
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[25] EN
[54] **DEVICE FOR REMOVING A VALVE AND CAGE ASSEMBLY FROM A MACHINE**
[54] **DISPOSITIF DE RETRAIT D'UN ENSEMBLE SOUPAPE ET CAGE D'UNE MACHINE**
[72] BRESCHI, TOMMASO, IT
[72] TENZE, ANDREA, IT
[72] BRACCIALI, FILIPPO ERBAGGIO, IT
[72] GALLINA, ELENA, IT
[73] NUOVO PIGNONE SRL,
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[54] **ROBOTIC PLATFORM AND METHOD FOR PERFORMING MULTIPLE FUNCTIONS IN AGRICULTURAL SYSTEMS**
[54] **PROCEDE A PLATE-FORME ROBOTIQUE POUR LA REALISATION DE PLUSIEURS FONCTIONS DANS DES SYSTEMES AGRICOLES**
[72] CAVENDER-BARES, KENT, US
[72] BARES, CHARLES C., US
[73] ROWBOT SYSTEMS LLC,
[85] 2014-11-27
[86] 2013-05-23 (PCT/US2013/042479)
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[30] US (61/723,887) 2012-11-08
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[25] EN
[54] **A LOCKING AND PIVOTING LATCH FOR A FENCE SUPPORT POST**
[54] **ELEMENT DE VERROUILLAGE PIVOTANT POUR UN MONTANT DE SUPPORT DE CLOTURE**
[72] MELIC, JONATHAN J., CA
[73] MELIC, JONATHAN J.,
[85] 2014-12-01
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[54] **SEALED AND THERMALLY INSULATING TANK**
[54] **CUVE ETANCHE ET THERMIQUEMENT ISOLANTE**
[72] GAZEAU, JAMES, FR
[73] GAZTRANSPORT ET TECHNIGAZ,
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[86] 2013-06-04 (PCT/FR2013/051258)
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[54] **HYDROGENATED BLOCK COPOLYMER AND METHOD FOR PRODUCING SAME**
[54] **COPOLYMERE A BLOCS HYDROGENE ET SON PROCEDE DE FABRICATION**
[72] UEHARA, YOSUKE, JP
[72] SASAKI, HIROMITSU, JP
[73] KURARAY CO., LTD.,
[73] AMYRIS, INC.,
[85] 2014-12-02
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[54] **METHOD OF DEVULCANISING VULCANISED RUBBER**
[54] **PROCEDE DE DEVULCANISATION D'UN CAOUTCHOUC VULCANISE**
[72] ARNAUD, DANIEL, FR
[73] SOCIETE PLYMOUTH FRANCAISE,
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[54] **MANUAL WOOD SPLITTING ASSISTANCE APPARATUS**
[54] **APPAREIL D'AIDE AU FENDAGE DE BOIS MANUEL**
[72] PADEN, JACK R., US
[73] PADEN, JACK R.,
[85] 2014-12-08
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[54] **METHOD FOR PRODUCING A COLLAGEN MEMBRANE AND USES THEREOF**
[54] **PROCEDE DE PRODUCTION D'UNE MEMBRANE DE COLLAGENE ET SES UTILISATIONS**
[72] ZHENG, MING-HAO, AU
[73] ORTHOCELL LTD,
[85] 2014-12-09
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[25] EN
[54] **HETEROAROMATIC METHYL CYCLIC AMINE DERIVATIVE**
[54] **DERIVE D'AMINE CYCLIQUE METHYLE HETEROAROMATIQUE**
[72] FUTAMURA, AYA, JP
[72] ARAKI, YUKO, JP
[72] ABE, MASAHITO, JP
[72] OHTA, HIROSHI, JP
[72] SUZUKI, RYO, JP
[72] NOZAWA, DAI, JP
[73] TAISHO PHARMACEUTICAL CO., LTD.,
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[54] **PISTON ARRANGEMENT AND INTERNAL COMBUSTION ENGINE**
[54] **AMENAGEMENT DE PISTON ET MOTEUR A COMBUSTION INTERNE**
[72] JUKES, OLIVER, GB
[73] JOOSTS ENGINES LTD,
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[25] EN
[54] **END OF SERVICE LIFE INDICATOR FOR ORGANIC VAPOR RESPIRATOR FILTER CARTRIDGE**
[54] **INDICATEUR DE FIN DE DUREE DE VIE POUR CARTOUCHE DE FILTRE D'APPAREIL RESPIRATOIRE A VAPEUR ORGANIQUE**
[72] LIU, HAILIN, CN
[72] PAN, TAO, CN
[72] LIU, XUANBIN, CN
[72] WANG, LI, CN
[73] HONEYWELL INTERNATIONAL INC.,
[85] 2014-12-17
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[25] EN
[54] **PRODUCTION OF AMMONIUM PHOSPHATES**
[54] **PRODUCTION DE PHOSPHATES D'AMMONIUM**
[72] COHEN, YARIV, SE
[72] ENFALT, PATRIK, SE
[73] EASYMINING SWEDEN AB,
[85] 2014-12-18
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[54] **AN OFFSHORE TOP SITE SYSTEM**
[54] **SYSTEME □UVRE MORTE**
[72] NIELSEN, MORTEN STORGAARD, DK
[73] NATIONAL OILWELL VARCO DENMARK I/S,
[85] 2014-12-19
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[54] **HIGH EFFICIENCY, NON-RAGGING, FORMED AXIAL IMPELLER**
[54] **HELICE AXIALE FORMEE SANS RACLEMENT A HAUT RENDEMENT**
[72] HIGBEE, ROBERT W., US
[72] WYCZALKOWSKI, WOJCIECH, US
[72] GIACOMELLI, JASON J., US
[73] PHILADELPHIA MIXING SOLUTIONS, LTD.,
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[54] **FILMS A BARRIERE RESISTANT AUX COURBURES**
[72] BORSE, NITIN, CA
[72] AUBEE, NORMAN DORIEN JOSEPH, CA
[72] WARD, DANIEL R., US
[73] NOVA CHEMICALS CORPORATION,
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[51] **Int.Cl. B25B 27/14 (2006.01) H01R 43/042 (2006.01)**
[25] EN
[54] **PRESSING TOOL**
[54] **OUTIL DE COMPRESSION**
[72] FRENKEN, EGBERT, DE
[73] GUSTAV KLAUKE GMBH,
[85] 2014-12-23
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[25] EN
[54] **MICROWAVE ABLATION CATHETER AND METHOD OF UTILIZING THE SAME**
[54] **CATHETER D'ABLATION PAR MICRO-ONDES ET SON PROCEDE D'UTILISATION**
[72] LADTKOW, CASEY M., US
[72] BRANNAN, JOSEPH D., US
[72] PETERSON, DARION R., US
[72] LARSON, ERIC W., US
[72] HALEY, KAYLEN J., US
[72] DICKHANS, WILLIAM J., US
[72] CASE, JASON A., US
[73] COVIDIEN LP,
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[30] US (61/784,176) 2013-03-14
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[54] **POWER LINE MAINTENANCE MONITORING**
[54] **SURVEILLANCE DE LA MAINTENANCE DE LIGNE ELECTRIQUE**
[72] LANCASTER, MARK, US
[73] SOUTHWIRE COMPANY, LLC,
[85] 2015-01-06
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[54] **SPIN RESISTANT AIRCRAFT CONFIGURATION**
[54] **CONFIGURATION D'AERONEF RESISTANT A LA VRILLE**
[72] GIONTA, MATTHEW, US
[72] KARKOW, JON, US
[72] RONCZ, JOHN, US
[72] KOEHLER, DIETER, US
[72] LEDNICER, DAVID, US
[73] ICON AIRCRAFT, INC.,
[85] 2015-01-09
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[54] **MAPPING ENTITIES IN DATA MODELS**
[54] **MAPPAGE D'ENTITES DANS DES MODELES DE DONNEES**
[72] STANFILL, CRAIG W., US
[73] AB INITIO TECHNOLOGY LLC,
[85] 2015-01-16
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[54] **THREE-DIMENSIONAL OBJECT BROWSING IN DOCUMENTS**
[54] **RECHERCHE D'OBJETS TRIDIMENSIONNELS DANS DES DOCUMENTS**
[72] ZWEIG, GEOFFREY G., US
[72] STOLLNITZ, ERIC J., US
[72] SZELISKI, RICHARD, US
[72] SINHA, SUDIPTA, US
[72] KOPF, JOHANNES, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC,
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[54] **NEPRILYSIN INHIBITORS**
[54] **INHIBITEURS DE NEPRILYSINE**
[72] FLEURY, MELISSA, US
[72] HUGHES, ADAM D., US
[73] THERAVANCE BIOPHARMA R&D IP, LLC,
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[30] US (61/680,804) 2012-08-08
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[25] EN
[54] **TRACK FASTENING ASSEMBLY FOR TRANSITION AREAS**
[54] **SYSTEME DE FIXATION DE RAIL POUR ZONES DE RACCORDEMENT**
[72] WALTER, DANIEL, DE
[72] LIENHARD, STEFAN, DE
[72] DANNEBERG, ERIK, CH
[72] BUDA, ROLAND, DE
[73] SCHWIHAG AG,
[85] 2015-01-21
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[54] **METHANETHIONE COMPOUNDS HAVING ANTIVIRAL ACTIVITY**
[54] **COMPOSES METHANETHIONES AYANT UNE ACTIVITE ANTIVIRALE**
[72] HOMMAN, MOHAMMED, SE
[72] KINGI, NGARITA, SE
[72] BERGMAN, JAN, SE
[72] BERG, ROBERT, SE
[73] VIRONOVA INFLUENZA AB,
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[51] **Int.Cl. G01M 17/10 (2006.01) B61K 9/12 (2006.01) G01N 27/82 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR INSPECTING RAILWAY WHEELS**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE ROUES FERROVIAIRES**
[72] DE LA RIVA, CAMILO, DE
[73] HEGENSCHEIDT-MFD GMBH & CO. KG,
[85] 2015-01-30
[86] 2013-07-02 (PCT/DE2013/000370)
[87] (WO2014/005574)
[30] DE (10 2012 013 626.9) 2012-07-04

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[51] **Int.Cl. F02C 7/22 (2006.01) F02C 7/228 (2006.01) F02C 9/26 (2006.01)**
[25] FR
[54] **DUAL-CIRCUIT MODULAR INJECTION TUBE**
[54] **RAMPE D'INJECTION MODULAIRE A DOUBLE CIRCUIT**
[72] ZORDAN, CEDRIC ROGER, FR
[72] FRANCEZ, XAVIER, FR
[73] TURBOMECA,
[85] 2015-02-02
[86] 2013-07-29 (PCT/FR2013/051822)
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[25] EN
[54] **FORMULA FORTIFIER**
[54] **FORTIFIANT DE PREPARATION POUR NOURRISSONS**
[72] BERSETH, CAROL LYNN, US
[72] WALSH, KELLY, US
[72] SCHADE, DEBORAH, US
[72] MUNOZ-ESPADA, ANA CECILIA, US
[73] MJN U.S. HOLDINGS LLC,
[85] 2015-02-02
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[51] **Int.Cl. C01G 53/00 (2006.01) H01M 4/505 (2010.01)**
[25] EN
[54] **PRODUCTION OF A SPINEL MATERIAL**
[54] **PRODUCTION D'UN MATERIAU SPINELLE**
[72] OZOEMENA, KENNETH IKECHUKWU, ZA
[72] JAFTA, CHARL JEREMY, ZA
[73] CSIR,
[85] 2015-02-03
[86] 2013-07-25 (PCT/IB2013/056103)
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[51] **Int.Cl. F17C 5/00 (2006.01) F17C 5/02 (2006.01) F17C 5/06 (2006.01)**
[25] EN
[54] **METHOD FOR PERFORMING A PRESSURE TEST ON A TANK AND TANK FILLING APPARATUS**
[54] **PROCEDE POUR EFFECTUER UN ESSAI DE PRESSION AU NIVEAU D'UN RESERVOIR ET DISPOSITIF DE REMPLISSAGE DE RESERVOIR**
[72] ADLER, ROBERT, AT
[72] PFANDL, MARTIN, AT
[72] RASCH, MARKUS, AT
[72] STEFAN, MICHAEL, AT
[73] LINDE AKTIENGESELLSCHAFT,
[85] 2015-02-04
[86] 2013-08-27 (PCT/EP2013/002583)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5383 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **PYRIDOPYRIMIDINE DERIVATIVES AS PROTEIN KINASE INHIBITORS**
[54] **DERIVES DE PYRIDOPYRIMIDINE EN TANT QU'INHIBITEURS DE PROTEINE KINASE**
[72] BURGDORF, LARS, DE
[72] KUHN, DANIEL, DE
[72] ROSS, TATJANA, DE
[72] DEUTSCH, CARL, DE
[73] MERCK PATENT GMBH,
[85] 2015-02-05
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[51] **Int.Cl. G06K 7/08 (2006.01) G06K 7/01 (2006.01)**
[25] EN
[54] **MAGNETIC READ HEAD WITH FLAT-EXTENDING PINS**
[54] **TETE DE LECTURE MAGNETIQUE COMPRENANT DES BROCHES D'EXTENSION PLATES**
[72] TEMPLETON, THOMAS, US
[73] SQUARE, INC.,
[85] 2015-02-10
[86] 2013-08-16 (PCT/US2013/055441)
[87] (WO2014/031493)
[30] US (13/589,518) 2012-08-20

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[13] C
[51] **Int.Cl. B01J 19/32 (2006.01)**
[25] FR
[54] **HIGH-PERFORMANCE STRUCTURED PACKING FOR A FLUID CONTACTING COLUMN**
[54] **GARNISSAGE STRUCTURE HAUTE PERFORMANCE POUR COLONNE DE MISE EN CONTACT DE FLUIDES**
[72] RAYNAL, LUDOVIC, FR
[72] GONNOT, RAPHAEL, FR
[72] MEJEAN, MICKAEL, FR
[72] ALIX, PASCAL, FR
[73] IFP ENERGIES NOUVELLES,
[85] 2015-02-11
[86] 2013-08-12 (PCT/FR2013/051926)
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[13] C
[51] **Int.Cl. B01J 19/32 (2006.01)**
[25] FR
[54] **HIGH-PERFORMANCE STRUCTURED PACKING FOR A FLUID CONTACTING COLUMN**
[54] **GARNISSAGE STRUCTURE HAUTE PERFORMANCE POUR COLONNE DE MISE EN CONTACT DE FLUIDES**
[72] RAYNAL, LUDOVIC, FR
[72] GONNOT, RAPHAEL, FR
[72] MEJEAN, MICKAEL, FR
[73] IFP ENERGIES NOUVELLES,
[85] 2015-02-11
[86] 2013-08-12 (PCT/FR2013/051927)
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[13] C
[51] **Int.Cl. F21V 19/02 (2006.01) F21V 17/00 (2006.01)**
[25] EN
[54] **LIGHTING APPLICATIONS USING ORGANIC LIGHT EMITTING DIODES**
[54] **APPLICATIONS D'ECLAIRAGE METTANT EN □UVRE DES DIODES ELECTROLUMINESCENTES ORGANIQUES**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] ROTHENBERGER, RICHARD, US
[72] GAWRONSKI, GRANT L., US
[73] EATON INTELLIGENT POWER LIMITED,
[85] 2015-02-17
[86] 2013-03-05 (PCT/US2013/029189)
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[25] EN
[54] **MINERAL-ENZYME COMPLEX FOR STRENGTHENING AND WHITENING TOOTH ENAMEL, ORAL HYGIENE COMPOSITION, AND TOOTHPASTE**
[54] **COMPLEXE DE MINERAUX ET FERMENTS POUR LE RENFORCEMENT ET LE BLANCHISSEMENT DE L'EMAIL DENTAIRE, COMPOSITION POUR L'HYGIENE BUCCALE ET PATE DENTIFRICE**
[72] BELOUS, ELENA YURIEVNA, RU
[72] MALTABAR, SVETLANA ALEKSEEVNA, RU
[72] GALIMOVA, ANNA ZUFAROVNA, RU
[73] SPLAT GLOBAL LLC,
[85] 2015-02-20
[86] 2013-08-19 (PCT/RU2013/000716)
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[30] RU (2012135577) 2012-08-20

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[13] C
[51] **Int.Cl. B65B 5/10 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR PACKAGING DOSED QUANTITIES OF MEDICINES AND METHOD FOR OPERATING SUCH APPARATUS**
[54] **APPAREIL PERMETTANT DE CONDITIONNER DES QUANTITES DOSEES DE MEDICAMENTS ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER LEDIT APPAREIL**
[72] LOCKERS, EDDY R., NL
[72] VAN DE KOOT, JOHN, NL
[72] VAN WIJNGAARDEN, ARIE, NL
[72] BOOMSMA, SJOERD, NL
[72] GANTER, STEPHAN, DE
[72] JORRITSMA, MINNE, NL
[73] BD SWITZERLAND SARL,
[85] 2015-02-20
[86] 2013-08-16 (PCT/EP2013/067159)
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[30] EP (12182654.9) 2012-08-31

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[13] C
[51] **Int.Cl. B60J 10/70 (2016.01) B60J 10/20 (2016.01) B65D 57/00 (2006.01) B65D 81/02 (2006.01)**
[25] FR
[54] **SEAL SYSTEM FOR A VEHICLE GLAZING, GLAZING PROVIDED WITH THE SYSTEM AND METHOD FOR MOUNTING THE GLAZING**
[54] **SYSTEME DE JOINT POUR VITRAGE DE VEHICULE, VITRAGE EQUIPE DU SYSTEME ET PROCEDE DE MONTAGE DU VITRAGE**
[72] SILVESTRINI, LAURENT, FR
[73] SAINT-GOBAIN GLASS FRANCE,
[85] 2015-02-23
[86] 2013-09-04 (PCT/FR2013/052034)
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[30] FR (1258663) 2012-09-14

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[25] EN
[54] **ATHLETIC PERFORMANCE MONITORING SYSTEMS AND METHODS IN A TEAM SPORTS ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE LA PERFORMANCE ATHLETIQUE DANS LE CONTEXTE D'UN SPORT D'EQUIPE**
[72] MOLYNEUX, JAMES, US
[72] WEAST, AARON B., US
[72] BURROUGHS, BRANDON S., US
[72] BERGGREN, SCOTT R., US
[72] LINDSAY, CLAYTON J., US
[72] RICE, JORDAN M., US
[72] BUXTON, BERT B., US
[72] LOWE, EDWARD STEPHEN, JR., US
[73] NIKE INNOVATE C.V.,
[86] (2883098)
[87] (2883098)
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[51] **Int.Cl. E04B 1/343 (2006.01) F24S 20/60 (2018.01) E04B 1/346 (2006.01) E04B 7/16 (2006.01)**
[25] EN
[54] **AUTOMATED STRUCTURE FOR RECEPTION OF MODULAR CONSTRUCTIONS, AUTOMATION SYSTEM AND OPERATING METHOD THEREOF**
[54] **STRUCTURE AUTOMATISEE DESTINEE A RECEVOIR DES CONSTRUCTIONS MODULAIRES, SYSTEME D'AUTOMATISATION ASSOCIE ET PROCEDE DE FONCTIONNEMENT**
[72] VIEIRA LOPES, MANUEL, PT
[73] VIEIRA LOPES, MANUEL,
[85] 2015-02-27
[86] 2013-09-02 (PCT/IB2013/058227)
[87] (WO2014/033691)
[30] PT (106514) 2012-08-31

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[25] EN
[54] **IMIDAZOLINE DERIVATIVES, PREPARATION METHODS THEREOF, AND THEIR APPLICATIONS IN MEDICINE**
[54] **DERIVES D'IMIDAZOLINE, LEURS PROCEDES DE PREPARATION ET LEURS APPLICATIONS EN MEDECINE**
[72] LU, HEJUN, CN
[72] SUN, PIAOYANG, CN
[72] FEI, HONGBO, CN
[72] JIANG, HONGJIAN, CN
[72] WANG, HAOWEI, CN
[72] DONG, QING, CN
[73] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.,
[73] JIANGSU HENGRUI MEDICINE CO., LTD.,
[85] 2015-03-02
[86] 2013-08-26 (PCT/CN2013/082273)
[87] (WO2014/036897)
[30] CN (201210323870.3) 2012-09-04

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[13] C
[51] **Int.Cl. A61G 9/00 (2006.01) A61F 5/44 (2006.01) B65D 33/00 (2006.01)**
[25] EN
[54] **A FLEXIBLE POUCH HAVING AN OPENING SLEEVE**
[54] **POCHE SOUPLE A MANCHON D'OUVERTURE**
[72] CAILLETEAU, BENOIT, FR
[73] SWISS SAFE COLLECT SA,
[85] 2015-02-27
[86] 2013-08-27 (PCT/EP2013/067712)
[87] (WO2014/037246)
[30] FR (1258388) 2012-09-07

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[51] **Int.Cl. B60D 1/24 (2006.01)**
[25] EN
[54] **A SUSPENSION SYSTEM FOR A HITCH**
[54] **SYSTEME DE SUSPENSION POUR UN ATTELAGE**
[72] MCCORMICK, PATRICK, IE
[72] EGENTON, WILLIAM, IE
[73] DROMONE ENGINEERING LIMITED,
[85] 2015-03-04
[86] 2013-09-05 (PCT/IB2013/058310)
[87] (WO2014/037895)
[30] GB (1215881.2) 2012-09-05

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[51] **Int.Cl. B65G 15/60 (2006.01) B65G 21/20 (2006.01)**
[25] EN
[54] **CONVEYOR BELT CRADLE IMPACT BED**
[54] **LIT D'IMPACT DE BERCEAU DE BANDE TRANSPORTEUSE**
[72] GIBBS, AARON T., US
[72] AGANS, WILLIAM ROBERT, US
[73] ASGCO MANUFACTURING, INC.,
[85] 2015-03-02
[86] 2013-08-30 (PCT/US2013/057512)
[87] (WO2014/039385)
[30] US (61/697,589) 2012-09-06
[30] US (14/013,640) 2013-08-29

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[13] C
[51] **Int.Cl. B60J 10/70 (2016.01) B60J 10/33 (2016.01) B60J 10/00 (2016.01)**
[25] FR
[54] **GLAZING WITH ENCAPSULATED PROFILED SEAL AND ATTACHED COMPONENT FIXED TO THE SEAL, FIXING ELEMENT FOR THE GLAZING ATTACHED COMPONENT AND METHOD OF MANUFACTURING THE GLAZING**
[54] **VITRAGE A JOINT PROFILE ENCAPSULE ET PIECE RAPPORTEE FIXEE AU JOINT, ELEMENT DE FIXATION DE LA PIECE RAPPORTEE POUR LE VITRAGE ET PROCEDE DE FABRICATION DU VITRAGE**
[72] GRANDGIRARD, BASTIEN, FR
[72] COUTELLIER, NICOLAS, FR
[72] GONNET, ROMAIN, FR
[72] MACHIZAUD, YOANN, FR
[73] SAINT-GOBAIN GLASS FRANCE,
[85] 2015-03-12
[86] 2013-09-24 (PCT/FR2013/052225)
[87] (WO2014/049256)
[30] FR (1258981) 2012-09-25

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[51] **Int.Cl. A61M 25/02 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **LUER SECUREMENT DEVICE**
[54] **DISPOSITIF DE FIXATION DE SYSTEME LUER**
[72] BORNHOFT, STEPHEN, US
[73] BECTON, DICKINSON AND COMPANY,
[85] 2015-03-13
[86] 2013-09-10 (PCT/US2013/059053)
[87] (WO2014/043124)
[30] US (13/614,481) 2012-09-13

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[25] EN
[54] **ENZYME VARIANTS WITH IMPROVED ESTER SYNTHASE PROPERTIES**
[54] **VARIANTS D'ENZYME DONT LES PROPRIETES D'ESTER SYNTHASE SONT AMELIOREES**
[72] SHUMAKER, ANDREW, US
[72] DA COSTA, BERNARDO M., US
[72] HOLDEN, KEVIN, US
[72] HOM, LOUIS G., US
[72] BARON, TARAH S., US
[72] HELMAN, NOAH, US
[73] REG LIFE SCIENCES, LLC,
[85] 2015-03-13
[86] 2013-03-15 (PCT/US2013/032564)
[87] (WO2014/042693)
[30] US (61/701,191) 2012-09-14
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[13] C
[51] **Int.Cl. A61B 17/11 (2006.01)**
[25] EN
[54] **A MOUNTING TOOL FOR AN ANASTOMOTIC DEVICE**
[54] **OUTIL DE MONTAGE D'UN DISPOSITIF POUR ANASTOMOSE**
[72] GRONBERG, ANDERS, SE
[73] CARPONOVUM AB,
[85] 2015-03-17
[86] 2013-09-12 (PCT/SE2013/051065)
[87] (WO2014/046596)
[30] SE (1251060-8) 2012-09-20

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[13] C
[51] **Int.Cl. E06B 3/64 (2006.01) E06B 3/66 (2006.01)**
[25] EN
[54] **DUAL GLAZING PANEL SYSTEM**
[54] **SYSTEME DE PANNEAU A DOUBLE VITRAGE**
[72] KONSTANTIN, MOSHE, US
[73] CPI DAYLIGHTING, INC.,
[85] 2015-03-18
[86] 2013-09-20 (PCT/US2013/060974)
[87] (WO2014/047466)
[30] US (61/704,242) 2012-09-21
[30] US (61/736,847) 2012-12-13
[30] US (13/839,646) 2013-03-15
[30] US (61/860,545) 2013-07-31

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[13] C
[51] **Int.Cl. C04B 40/02 (2006.01) B28B 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR ELECTRONIC TEMPERATURE CONTROLLED CURING OF CONCRETE AND ACCELERATING CONCRETE MATURITY OR EQUIVALENT AGE, PRECAST CONCRETE STRUCTURES AND OBJECTS AND APPARATUS FOR SAME**
[54] **PROCEDE DE DURCISSEMENT DE BETON A CONTROLE ELECTRONIQUE DE TEMPERATURE ET D'ACCELERATION DE MATURITE DU BETON OU D'AGE EQUIVALENT DE STRUCTURES EN BETON PREFABRIQUEES ET OBJETS ET APPAREIL ASSOCIE**
[72] CIUPERCA, ROMEO ILARIAN, US
[73] CIUPERCA, ROMEO ILARIAN,
[85] 2015-03-24
[86] 2013-09-23 (PCT/US2013/061237)
[87] (WO2014/052246)
[30] US (13/626,075) 2012-09-25

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[13] C
[51] **Int.Cl. E04G 11/00 (2006.01)**
[25] EN
[54] **COMPOSITE INSULATED PLYWOOD, INSULATED PLYWOOD CONCRETE FORM AND METHOD OF CURING CONCRETE USING SAME**
[54] **CONTREPLAQUE ISOLE COMPOSITE, COFFRAGE A BETON EN CONTREPLAQUE ISOLE ET PROCEDE DE DURCISSEMENT DE BETON UTILISANT CE DERNIER**
[72] CIUPERCA, ROMEO ILARIAN, US
[73] CIUPERCA, ROMEO ILARIAN,
[85] 2015-03-24
[86] 2013-09-23 (PCT/US2013/061239)
[87] (WO2014/052248)
[30] US (13/626,103) 2012-09-25

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[13] C
[51] **Int.Cl. E21B 43/117 (2006.01)**
[25] EN
[54] **PERFORATING GUN WITH A HOLDING SYSTEM FOR HOLLOW CHARGES FOR A PERFORATING GUN SYSTEM**
[54] **PERFORATEUR DOTE D'UN SYSTEME DE RETENUE POUR DES CHARGES PERFORANTES POUR UN SYSTEME DE PERFORATEUR**
[72] MCNELIS, LIAM, DE
[72] LOHKEN, JORN OLAF, DE
[72] BERNARDI, LOUIS ANTHONY, JR., US
[72] BRINSDEN, MARK SHELLEY, GB
[73] DYNAENERGETICS EUROPE GMBH,
[85] 2015-03-26
[86] 2013-10-08 (PCT/EP2013/070912)
[87] (WO2014/056890)
[30] DE (10 2012 019 652.0) 2012-10-08

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[13] C
[51] **Int.Cl. A61B 3/103 (2006.01) A61B 3/00 (2006.01)**
[25] EN
[54] **GEOMETRIC OPTICAL POWER MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE DE PUISSANCE OPTIQUE GEOMETRIQUE**
[72] MICHAELS, RICHARD J., US
[72] PLUMLEY, ARIC K., US
[73] ALCON INC.,
[85] 2015-03-26
[86] 2013-09-25 (PCT/US2013/061729)
[87] (WO2014/052479)
[30] US (61/706,630) 2012-09-27
[30] US (13/797,702) 2013-03-12

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[13] C
[51] **Int.Cl. G01S 7/41 (2006.01) G01S 13/88 (2006.01)**
[25] EN
[54] **EMULSION MEASUREMENT AND PROFILING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MESURE ET DE PROFILAGE D'EMULSION**
[72] FLASZA, MICHAEL D., US
[72] TANG, FENG, US
[73] MAGNETROL INTERNATIONAL, INCORPORATED,
[85] 2015-03-26
[86] 2013-09-26 (PCT/US2013/061904)
[87] (WO2014/052577)
[30] US (61/706,269) 2012-09-27

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[13] C
[51] **Int.Cl. G02B 26/00 (2006.01)**
[25] EN
[54] **COMPACT, LOW DISPERSION, AND LOW ABERRATION ADAPTIVE OPTICS SCANNING SYSTEM**
[54] **SYSTEME DE BALAYAGE OPTIQUE ADAPTATIF DE FAIBLE ABERRATION, FAIBLE DISPERSION ET COMPACT**
[72] POTSAID, BENJAMIN MICHAEL, US
[72] TARANTO, JOHN JOSEPH, US
[72] CABLE, ALEX EZRA, US
[73] THORLABS, INC.,
[85] 2015-04-02
[86] 2013-10-11 (PCT/US2013/064631)
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[30] US (61/713,478) 2012-10-12

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[25] EN
[54] **DRILL PIPE PERFORATOR APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE PERFORATION A TIGE DE FORAGE ET PROCEDE D'UTILISATION**
[72] FEARS, BRETT, US
[72] BURKE, JASON, US
[72] SCHULTZ, ROGER, US
[73] THRU TUBIING SOLUTIONS, INC.,
[85] 2015-04-09
[86] 2013-08-01 (PCT/US2013/053279)
[87] (WO2014/028235)
[30] US (61/683,748) 2012-08-16

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[25] EN
[54] **WATER- AND OIL-REPELLENT COATING FILM AND ARTICLES HAVING THIS COATING FILM**
[54] **FILM DE REVETEMENT HYDROFUGE ET OLEOFUGE ET ARTICLE LE CONTENANT**
[72] YAMADA, KAZUNORI, JP
[72] SEKIGUCHI, TOMONOBU, JP
[72] NISHIKAWA, HIROYUKI, JP
[72] OE, HIROSHI, JP
[72] TERASAWA, YUYA, JP
[72] KAMADA, MASAHIKO, JP
[72] MORII, TOSHIO, JP
[72] TOSAKI, YUSUKE, JP
[72] YAMASHITA, YUKIYA, JP
[73] TOYO ALUMINIUM KABUSHIKI KAISHA,
[85] 2015-04-01
[86] 2013-06-07 (PCT/JP2013/065864)
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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/02 (2012.01)**
[25] EN
[54] **AGGREGATION RECORD FOR MANAGING ANCILLARY TRAVEL SERVICES**
[54] **DOSSIER COMBINE SERVANT A LA GESTION D'ARRIERE-PLAN DE SERVICES DE VOYAGE AUXILIAIRES**
[72] ALBEROLA, BERTRAND, FR
[72] HURTELOUP, PHILLIPE, FR
[72] FONTEBRIDE, VANESSA, FR
[72] AURARD, THOMAS, FR
[72] LAMY, MICHAEL, FR
[73] AMADEUS S.A.S.,
[86] (2887787)
[87] (2887787)
[22] 2015-04-10
[30] EP (14305541.6) 2014-04-11
[30] US (14/250,765) 2014-04-11

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[51] **Int.Cl. F16H 61/02 (2006.01) F16H 59/26 (2006.01) F16H 61/06 (2006.01) F16H 61/38 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING A HYDRAULIC PRESSURIZATION SYSTEM OF A TRANSMISSION**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE MISE SOUS PRESSION HYDRAULIQUE D'UNE TRANSMISSION**
[72] LONG, CHARLES F., US
[72] RUNDE, JEFFREY K., US
[73] ALLISON TRANSMISSION, INC.,
[85] 2015-04-13
[86] 2013-08-16 (PCT/US2013/055380)
[87] (WO2014/070284)
[30] US (61/720,673) 2012-10-31

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[13] C
[51] **Int.Cl. A01N 43/56 (2006.01)**
[25] EN
[54] **METHOD OF PLANT GROWTH PROMOTION USING CARBOXAMIDE DERIVATIVES**
[54] **PROCEDE PERMETTANT DE FAVORISER LA CROISSANCE DES PLANTES A L'AIDE DE DERIVES CARBOXAMIDE**
[72] CRISTAU, PIERRE, FR
[72] DAHMEN, PETER, DE
[72] KRIEG, ULRICH, DE
[72] LAPPARTIENT, ANNE, FR
[72] TOQUIN, VALERIE, FR
[72] VILLALBA, FRANCOIS, FR
[72] WETCHOLOWSKY, INGO, DE
[73] BAYER CROPSCIENCE AG,
[85] 2015-04-16
[86] 2013-10-17 (PCT/EP2013/071732)
[87] (WO2014/060518)
[30] EP (12356024.5) 2012-10-19
[30] US (61/730,269) 2012-11-27

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[51] **Int.Cl. H02P 27/12 (2006.01) H02M 7/487 (2007.01) H02P 27/14 (2006.01)**
[25] EN
[54] **MODEL PREDICTIVE CONTROL WITH REFERENCE TRACKING**
[54] **COMMANDE PREDICTIVE DE MODELE A SUIVI DE REFERENCE**
[72] QUEVEDO, DANIEL, AU
[72] GEYER, TOBIAS, CH
[73] ABB SCHWEIZ AG,
[85] 2015-04-21
[86] 2013-10-23 (PCT/EP2013/072146)
[87] (WO2014/064141)
[30] EP (12189564.3) 2012-10-23

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[13] C
[51] **Int.Cl. F16B 5/02 (2006.01) F01D 17/06 (2006.01) G01P 1/02 (2006.01)**
[25] FR
[54] **SYSTEM FOR ATTACHING ELEECTICAL EQUIPMENT TO A METALLIC SUPPORT**
[54] **SYSTEME DE FIXATION D'UN EQUIPEMENT ELECTRIQUE SUR UN SUPPORT METALLIQUE**
[72] VAN CEULEN, SYLVAIN, FR
[72] COMIN, FRANCOIS, FR
[72] BARDIN, PIERRE-GUILLAUME, FR
[73] SNECMA,
[85] 2015-04-23
[86] 2013-10-23 (PCT/FR2013/052542)
[87] (WO2014/068224)
[30] FR (1260372) 2012-10-30

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[51] **Int.Cl. H04W 4/024 (2018.01) H04W 4/80 (2018.01) H04W 76/14 (2018.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD OF VOICE BASED PERSONALIZED INTERACTIVE EVACUATION GUIDANCE**
[54] **SYSTEME ET METHODE DE GUIDAGE D'EVACUATION INTERACTIF PERSONNALISE FONDE SUR LA VOIX**
[72] SASIKUMAR, SARASWATHY RAJAMANI, US
[72] RANJITH, KUMAR P., US
[73] HONEYWELL INTERNATIONAL INC.,
[86] (2890503)
[87] (2890503)
[22] 2015-04-30
[30] US (14/279,924) 2014-05-16

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[13] C
[51] **Int.Cl. A45F 3/04 (2006.01) A45F 3/14 (2006.01) A45F 5/00 (2006.01)**
[25] EN
[54] **UNIVERSAL ADAPTER SYSTEM FOR LOAD BEARING PACKS**
[54] **DISPOSITIF ADAPTATEUR UNIVERSEL POUR SACS PORTEURS DE CHARGE**
[72] BECK, JASON, US
[73] TYR TACTICAL, LLC,
[86] (2890959)
[87] (2890959)
[22] 2015-05-11
[30] US (61/992,116) 2014-05-12

[11] **2,890,968**
[13] C
[51] **Int.Cl. G01M 3/16 (2006.01) F17D 5/06 (2006.01) G01D 21/00 (2006.01) H04Q 9/00 (2006.01)**
[25] FR
[54] **MODULE, CIRCUIT AND METHOD OF COMMUNICATION FOR DETECTION DEVICE AND SENSOR COMPRISING SUCH A MODULE, IN PARTICULAR FOR EXPLOSIVE ATMOSPHERE**
[54] **MODULE, CIRCUIT ET PROCEDE DE COMMUNICATION POUR DISPOSITIF DE DETECTION ET CAPTEUR COMPRENANT UN TEL MODULE, EN PARTICULIER POUR ATMOSPHERE EXPLOSIVE**
[72] GILLOT, OLIVIER, FR
[72] BALATCHEV, STEFAN, CA
[73] TTK,
[85] 2015-05-11
[86] 2013-11-28 (PCT/EP2013/074966)
[87] (WO2014/083104)
[30] FR (1261349) 2012-11-28

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[13] C
[51] **Int.Cl. F16K 17/10 (2006.01)**
[25] EN
[54] **PILOT OPERATED RELIEF VALVE WITH DUAL PILOT REGULATORS**
[54] **SOUPAPE DE DECHARGE ACTIONNEE PAR PILOTE AVEC DEUX REGULATEURS PILOTES**
[72] DIAZ, JUAN M., US
[72] NASHERI, KHASHAYAR A., US
[72] STEGER, BRYAN J., US
[73] EMERSON PROCESS MANAGEMENT REGULATOR TECHNOLOGIES, INC.,
[85] 2015-03-26
[86] 2013-09-27 (PCT/US2013/062094)
[87] (WO2014/052703)
[30] US (61/707,257) 2012-09-28

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[13] C
[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/34 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING DENTAL CARIES**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES CARIES DENTAIRES**
[72] SANTARPIA, RALPH PETER, III, US
[72] PAPPAS, IRAKLIS, US
[72] GITTINS, ELIZABETH, US
[73] COLGATE-PALMOLIVE COMPANY,
[85] 2015-05-11
[86] 2012-12-03 (PCT/US2012/067547)
[87] (WO2014/088535)

[11] **2,891,326**
[13] C
[51] **Int.Cl. F03D 17/00 (2016.01)**
[25] EN
[54] **EARLY DETECTION OF WIND TURBINE DEGRADATION USING ACOUSTICAL MONITORING**
[54] **DETECTION PRECOCE DE DEGRADATION DE TURBINE EOLIENNE A L'AIDE D'UNE SURVEILLANCE ACOUSTIQUE**
[72] FREY, ANN, US
[72] ROARK, FRANK, US
[72] GONZALEZ, MIGUEL, US
[72] BRAKE, DANIEL M., US
[73] INVENTUS HOLDINGS, LLC,
[85] 2015-05-12
[86] 2013-11-12 (PCT/US2013/069584)
[87] (WO2014/078276)
[30] US (61/725,743) 2012-11-13
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[25] EN
[54] **COMBINATION DIAPHRAGM PISTON ACTUATOR**
[54] **COMBINAISON D'ACTIONNEUR DE PISTON ET DIAPHRAGME**
[72] ADAMS, KEITH M., US
[72] CHEATHAM, LLOYD R., US
[73] VETCO GRAY, LLC,
[85] 2015-05-14
[86] 2013-10-31 (PCT/US2013/067666)
[87] (WO2014/078085)
[30] US (13/679,553) 2012-11-16

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[51] **Int.Cl. E05B 15/10 (2006.01) E05B 17/00 (2006.01) E05B 55/00 (2006.01) E05B 65/06 (2006.01) E05C 5/00 (2006.01)**
[25] EN
[54] **DOOR LOCK**
[54] **SERRURE DE PORTE**
[72] HELISTEN, MIKA, FI
[73] ABLOY OY,
[85] 2015-05-27
[86] 2013-11-01 (PCT/FI2013/051036)
[87] (WO2014/096512)
[30] FI (20126336) 2012-12-19

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[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/02 (2006.01) A61B 5/107 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUTOMATED DETERMINATION OF A LUMEN CONTOUR OF A BLOOD VESSEL**
[54] **PROCEDE ET APPAREIL DE DETERMINATION AUTOMATISEE D'UN CONTOUR DE LUMIERE D'UN VAISSEAU SANGUIN**
[72] SCHMITT, JOSEPH M., US
[72] BEZERRA, HIRAM, US
[72] PETROFF, CHRISTOPHER, US
[72] GOPINATH, AJAY, US
[73] LIGHTLAB IMAGING, INC.,
[85] 2015-05-28
[86] 2013-03-12 (PCT/US2013/030328)
[87] (WO2014/092755)
[30] US (61/736,226) 2012-12-12

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[51] **Int.Cl. G01N 21/00 (2006.01) C12N 5/076 (2010.01) C12M 1/34 (2006.01) C12M 1/42 (2006.01) F15D 1/00 (2006.01) G01N 21/64 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MICROFLUIDIC PARTICLE ORIENTATION AND/OR SORTING**
[54] **PROCEDE ET SYSTEME POUR ORIENTATION ET/OU TRI DE PARTICULES MICROFLUIDIQUES**
[72] SIMPSON, MIRIAM CATHER, NZ
[72] ROHDE, CHARLES ALAN, US
[73] ENGENDER TECHNOLOGIES LIMITED,
[85] 2015-01-27
[86] 2013-07-29 (PCT/NZ2013/000135)
[87] (WO2014/017929)
[30] US (61/676,391) 2012-07-27

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[51] **Int.Cl. A61K 39/385 (2006.01) A61K 39/09 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **MULTIVALENT PNEUMOCOCCAL POLYSACCHARIDE-PROTEIN CONJUGATE COMPOSITION**
[54] **COMPOSITION D'UN CONJUGUE POLYSACCHARIDE-PROTEINE PNEUMOCOCCIQUE MULTIVALENT**
[72] PARK, MAHN-HOON, KR
[72] KIM, HUN, KR
[72] YANG, JI-HYE, KR
[72] YANG, SEON-YOUNG, KR
[72] NOH, MYEONG-JU, KR
[72] PARK, SU-JIN, KR
[72] SHIN, JIN-HWAN, KR
[73] SK BIOSCIENCE CO., LTD.,
[85] 2015-06-09
[86] 2013-12-05 (PCT/KR2013/011195)
[87] (WO2014/092378)
[30] KR (10-2012-0143318) 2012-12-11

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[51] **Int.Cl. C08L 23/06 (2006.01) C08K 5/14 (2006.01) C09K 15/00 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **CROSS-LINKABLE POLYMERIC COMPOSITIONS, METHODS FOR MAKING THE SAME, AND ARTICLES MADE THEREFROM**
[54] **COMPOSITIONS POLYMERES RETICULABLES, PROCEDES POUR LEUR PREPARATION ET OBJETS PRODUITS A PARTIR DE CELLES-CI**
[72] SUN, YABIN, CN
[72] PERSON, TIMOTHY J., US
[72] COGEN, JEFFREY M., US
[72] DUNCHUS, NEIL W., US
[72] TU, HAOMING, CN
[73] DOW GLOBAL TECHNOLOGIES LLC,
[85] 2015-06-12
[86] 2012-12-29 (PCT/CN2012/087942)
[87] (WO2014/101151)

[11] **2,895,371**
[13] C
[51] **Int.Cl. E21B 43/017 (2006.01) E21B 43/36 (2006.01)**
[25] EN
[54] **SUBSEA PROCESSING OF WELL FLUIDS**
[54] **TRAITEMENT SOUS-MARIN DES FLUIDES DE FORAGE**
[72] SATHANANTHAN, RATNAM, GB
[72] DAASVATN, SIGBJORN, NO
[73] SUBSEA 7 NORWAY AS,
[85] 2015-06-17
[86] 2013-12-17 (PCT/EP2013/077002)
[87] (WO2014/095942)
[30] GB (1223324.3) 2012-12-21

[11] **2,896,170**
[13] C
[51] **Int.Cl. B65G 25/02 (2006.01) B21C 47/24 (2006.01)**
[25] EN
[54] **ASYMMETRIC COIL SUPPORT**
[54] **RECEPTEUR DE BOBINES ASYMETRIQUE**
[72] HOFMANN, KARL ROBERT, DE
[73] SMS LOGISTIKSYSTEME GMBH,
[85] 2015-06-23
[86] 2013-01-18 (PCT/EP2013/000153)
[87] (WO2014/111100)

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[13] C
[51] **Int.Cl. F01N 3/10 (2006.01) B01J 23/44 (2006.01) B01J 23/46 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **AUTOMOTIVE CATALYST COMPOSITES HAVING A TWO-METAL LAYER**
[54] **COMPOSITES DE CATALYSEUR D'AUTOMOBILE COMPORTANT UNE COUCHE BIMETALLIQUE**
[72] ARNOLD, MIRKO, US
[72] KOTREL, STEFAN, DE
[72] SIANI, ATTILIO, DE
[72] SEIMUND, STEFAN, DE
[72] SCHMITZ, THOMAS, DE
[72] RABE, BURKHARD, DE
[72] GRAMICCIONI, GARY A., US
[72] SEEL, OLIVER, DE
[72] NEUBAUER, TORSTEN, DE
[72] WASSERMANN, KNUT, US
[73] BASF SE,
[73] BASF CORPORATION,
[85] 2015-06-30
[86] 2014-01-24 (PCT/US2014/012862)
[87] (WO2014/116897)
[30] US (61/756,139) 2013-01-24
[30] US (14/157,865) 2014-01-17

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[13] C
[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/33 (2006.01) A61K 8/37 (2006.01) A61K 8/891 (2006.01) A61K 8/892 (2006.01) A61K 8/893 (2006.01) A61K 8/898 (2006.01) A61Q 5/02 (2006.01) A61Q 5/12 (2006.01)**
[25] EN
[54] **HAIR CONDITIONING COMPOSITIONS**
[54] **COMPOSITIONS DE CONDITIONNEUR POUR CHEVEUX**
[72] SCHROTT, ADAM, US
[73] KAO CORPORATION,
[85] 2015-07-09
[86] 2013-02-13 (PCT/IB2013/000668)
[87] (WO2014/114975)
[30] US (13/746,575) 2013-01-22

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[13] C
[51] **Int.Cl. E21B 43/11 (2006.01) E21B 23/00 (2006.01) E21B 43/114 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL WITH EROSION RESISTANT LAYER AND METHOD OF USE**
[54] **OUTIL DE FOND DE TROU AVEC COUCHE RESISTANT A L'EROSION ET PROCEDE D'UTILISATION**
[72] SCHULTZ, ROGER, US
[72] WATSON, BROCK, US
[73] THRU TUBING SOLUTIONS, INC.,
[85] 2015-07-20
[86] 2013-08-21 (PCT/US2013/055989)
[87] (WO2014/120280)
[30] US (61/759,746) 2013-02-01

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[13] C
[51] **Int.Cl. F16H 61/38 (2006.01) F16H 61/431 (2010.01) F16H 41/24 (2006.01) F16H 61/42 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING PUMP PERFORMANCE IN A TRANSMISSION**
[54] **SYSTEME ET PROCEDE DE COMMANDE DES PERFORMANCES DE POMPE DANS UNE TRANSMISSION**
[72] LONG, CHARLES F., US
[72] TAYLOR, CHARLES T., US
[73] ALLISON TRANSMISSION, INC.,
[85] 2015-07-22
[86] 2013-03-14 (PCT/US2013/031422)
[87] (WO2014/142888)

[11] **2,899,179**
[13] C
[51] **Int.Cl. C23C 18/18 (2006.01) C23C 18/16 (2006.01) C23C 18/34 (2006.01) C23C 18/36 (2006.01) C23C 18/54 (2006.01) H01L 21/28 (2006.01) H01L 21/288 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING A METAL SILICIDE USING A SOLUTION CONTAINING GOLD IONS AND FLUORINE IONS**
[54] **PROCEDE DE FORMATION D'UN SILICIURE METALLIQUE A L'AIDE D'UNE SOLUTION CONTENANT DES IONS OR ET DES IONS FLUOR**
[72] MEVELLEC, VINCENT, FR
[72] SUHR, DOMINIQUE, FR
[73] ALCHIMER,
[85] 2015-07-23
[86] 2014-02-21 (PCT/FR2014/050365)
[87] (WO2014/128420)
[30] FR (1351593) 2013-02-22

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[51] **Int.Cl. G06F 21/31 (2013.01)**
[25] EN
[54] **COMPUTER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE INFORMATIQUE**
[72] NEWMAN, MICHAEL, GB
[73] MY1LOGIN LTD,
[85] 2015-07-24
[86] 2013-02-28 (PCT/GB2013/050495)
[87] (WO2013/128190)
[30] GB (1203576.2) 2012-02-29

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[13] C
[51] **Int.Cl. B65B 3/00 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO A CLOSED DRUG TRANSFER SYSTEM**
[54] **AMELIORATIONS D'UN SYSTEME DE TRANSFERT DE MEDICAMENT FERME**
[72] KRIHELI, MARINO, IL
[72] TAVOR, RAANAN, IL
[73] EQUASHIELD MEDICAL LTD.,
[85] 2015-07-30
[86] 2014-02-03 (PCT/IL2014/050112)
[87] (WO2014/122643)
[30] IL (224630) 2013-02-07

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[13] C
[51] **Int.Cl. B08B 7/00 (2006.01) F27D 25/00 (2010.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CLEANING INTERIORS OF TANKS AND SYSTEMS**
[54] **PROCEDE ET DISPOSITIF POUR NETTOYER DES ESPACES INTERIEURS DE CONTENANTS ET D'INSTALLATIONS**
[72] FLURY, RAINER, CH
[72] BURGIN, MARKUS, CH
[73] BANG & CLEAN GMBH,
[85] 2015-08-04
[86] 2014-02-11 (PCT/CH2014/000018)
[87] (WO2014/121409)
[30] CH (00429/13) 2013-02-11

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[13] C
[51] **Int.Cl. F16K 24/04 (2006.01)**
[25] EN
[54] **FLUID VALVE**
[54] **SOUPAPE DE FLUIDE**
[72] OGEN, ITZHAK, IL
[73] A.R.I. FLOW CONTROL ACCESSORIES LTD.,
[85] 2015-08-25
[86] 2014-03-12 (PCT/IL2014/050253)
[87] (WO2014/141254)
[30] US (61/779,895) 2013-03-13

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[13] C
[51] **Int.Cl. E21B 19/15 (2006.01) B25B 5/04 (2006.01) B25B 5/14 (2006.01)**
[25] EN
[54] **TUBULARS HANDLING SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE MANUTENTION DE MATERIEL TUBULAIRE**
[72] ROODENBURG, JOOP, NL
[72] VAN DUIVENDIJK, PIETER DIRK MELIS, US
[73] ITREC B.V.,
[85] 2015-08-28
[86] 2014-02-27 (PCT/NL2014/050122)
[87] (WO2014/133389)
[30] NL (2010378) 2013-03-01

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[13] C
[51] **Int.Cl. G06F 9/44 (2018.01) G06F 9/455 (2018.01) G06F 9/46 (2006.01)**
[25] EN
[54] **APPLICATION MARKETPLACE FOR VIRTUAL DESKTOPS**
[54] **MARCHE D'APPLICATION POUR BUREAUX VIRTUELS**
[72] SURYANARAYANAN, DEEPAK, US
[72] FARRELL, EUGENE MICHAEL, US
[72] BROWN, DAVID EVERARD, US
[72] LUSZCZ, STEPHEN WILLIAM, US
[72] PADUKONE, AJIT NAGENDRA, US
[72] AH KUN, MALCOLM RUSSELL, US
[73] AMAZON TECHNOLOGIES, INC.,
[85] 2015-09-03
[86] 2014-03-04 (PCT/US2014/020404)
[87] (WO2014/164075)
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[54] **METHODE, APPAREIL ET SYSTEME DE PRODUCTION DE LOGICIEL**
[72] MU, LIANSHUN, CN
[72] ZHANG, PENG, CN
[72] WU, GUOLIANG, CN
[72] XIONG, LI, CN
[73] STATE GRID CORPORATION OF CHINA (SGCC),
[73] BEIJING CHINA-POWER INFORMATION TECHNOLOGY CO., LTD.,
[73] STATE GRID INFORMATION & TELECOMMUNICATIONS GROUP CO. LTD.,
[86] (2904244)
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[30] CN (201410471745.6) 2014-09-16

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[54] **SLURRY-BASED COATING RESTORATION**
[54] **RESTAURATION DE REVETEMENT A BASE DE SUSPENSION**
[72] LEE, KANG N., US
[72] CHAMBERLAIN, ADAM LEE, US
[72] LAZUR, ANDREW JOSEPH, US
[73] ROLLS-ROYCE CORPORATION,
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[30] US (61/801,271) 2013-03-15

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[25] EN
[54] **COMPOSITIONS COMPRISING COMPLEXES OF PROANTHOCYANIDINS WITH VEGETABLE PROTEINS**
[54] **COMPOSITIONS COMPRENANT DES COMPLEXES DE PROANTHOCYANIDINES AVEC DES PROTEINES DE LEGUMINEUX**
[72] ALONSO, MIGUEL ANGEL, ES
[72] DI FULVIO, MARCO, CH
[72] DI SCHIENA, MICHELE, IT
[73] DEVINTEC SAGL,
[85] 2015-09-24
[86] 2014-03-27 (PCT/EP2014/056138)
[87] (WO2014/154796)
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[25] EN
[54] **BINDING STRUCTURE OF INDUSTRIAL FABRIC**
[54] **STRUCTURE DE LIAISON D'UN TISSU INDUSTRIEL**
[72] USUKI, TSUTOMU, JP
[72] TAKAHASHI, FUMIHITO, JP
[73] NIPPON FILCON CO., LTD,
[85] 2015-10-08
[86] 2014-06-03 (PCT/JP2014/064697)
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[51] **Int.Cl. A63C 1/40 (2006.01) A43B 5/16 (2006.01) A63C 1/22 (2006.01) A63C 1/38 (2006.01)**
[25] EN
[54] **HOCKEY SKATE INCLUDING A ONE-PIECE FRAME WITH INTEGRAL PEDESTALS**
[54] **PATIN DE HOCKEY COMPORTANT UN CADRE MONOPIECE DOTE DE SUPPORTS INTEGRAUX**
[72] DAVIS, STEPHEN J., US
[72] PERREAULT, DAVID, US
[72] RUSAKOV, DMITRY, US
[72] FUNG, IAN, US
[73] BAUER HOCKEY LTD.,
[86] (2909496)
[87] (2909496)
[22] 2015-10-21
[30] US (62/067,241) 2014-10-22

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[25] EN
[54] **SNOWSHOE WITH INTEGRATED ARTICULATING LINK**
[54] **RAQUETTE A LIAISON D'ARTICULATION INTEGREE**
[72] BRUNSVIG, CHRISTIAN, NO
[72] WENSTOP, KRISTIAN, NO
[72] WENSTOP, FREDRIK, NO
[72] WOOLEY, LIAM, NO
[73] SNOWMOTION AS,
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[86] 2013-07-18 (PCT/NO2013/050122)
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[25] EN
[54] **AMPHIBIOUS VEHICLE AND METHOD FOR OPERATING AN AMPHIBIOUS VEHICLE**
[54] **VEHICULE AMPHIBIE ET PROCEDE POUR FAIRE FONCTIONNER UN VEHICULE AMPHIBIE**
[72] BACHMANN, HARALD, DE
[72] FALKE, THOMAS, DE
[72] STEGER, GERNOT, DE
[73] KRAUSS-MAFFEI WEGMANN GMBH & CO. KG,
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[25] EN
[54] **SYSTEM AND METHOD FOR USING AN INTERNET OF THINGS NETWORK FOR MANAGING FACTORY PRODUCTION**
[54] **SYSTEME ET METHODE D'UTILISATION D'INTERNET DE RESEAU D'OBJETS SERVANT A GERER LA PRODUCTION EN USINE**
[72] PATEL, DEPTI, US
[72] RENCHER, ROBERT J., US
[72] VINUELAS, LUIS A., US
[72] FREEMAN, ROLAND N., US
[72] NELSON, DAVID W., US
[73] THE BOEING COMPANY,
[86] (2911773)
[87] (2911773)
[22] 2015-11-10
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[25] EN
[54] **OLIGONUCLEOTIDES COMPRISING CAPSID SPECIFIC PACKAGING SEQUENCES AND METHODS OF MANUFACTURE THEREOF**
[54] **OLIGONUCLEOTIDES COMPORTANT DES SEQUENCES D'ENCAPSULATION PARTICULIERES DES CAPSIDES ET LEURS PROCEDES DE FABRICATION**
[72] ARHANCET, JUAN PEDRO HUMBERTO, US
[72] ARHANCET, JUAN P., US
[72] DELANEY, KIMBERLY, US
[72] HALL, KATHLEEN B., US
[72] SUMMERS, NEENA, US
[72] OATES, EDWARD, US
[73] APSE, LLC,
[85] 2015-11-09
[86] 2014-06-05 (PCT/US2014/041111)
[87] (WO2014/204667)
[30] US (61/836,833) 2013-06-19
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[54] **METHOD AND APPARATUS FOR MONITORING POWER GRID PARAMETERS**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DE PARAMETRES D'UN RESEAU ELECTRIQUE**
[72] GAARDER, PAL EVEN, NO
[73] LIVE POWER INTELLIGENCE COMPANY NA, LLC,
[85] 2015-11-23
[86] 2014-05-26 (PCT/EP2014/060839)
[87] (WO2014/188003)
[30] GB (1309384.4) 2013-05-24

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[25] EN
[54] **SLAM LATCH**
[54] **SERRURE A RESSORT**
[72] OLSSON, ASHLEY DEAN, AU
[72] OLSSON, ASHLEY NORMAN, AU
[72] OLSSON, NATHANAEL DEAN, AU
[72] OLSSON, STAFFORD JAMES, AU
[72] OLSSON, KIERAN BLAKE, AU
[72] TRETHEWEY, REGINALD, AU
[73] OLSSON, ASHLEY DEAN,
[73] OLSSON, ASHLEY NORMAN,
[73] OLSSON, NATHANAEL DEAN,
[73] OLSSON, STAFFORD JAMES,
[73] OLSSON, KIERAN BLAKE,
[73] TRETHEWEY, REGINALD,
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[30] AU (2012902339) 2012-06-05

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[51] **Int.Cl. H05K 7/20 (2006.01) H02J 3/00 (2006.01) H02K 7/18 (2006.01) H02K 9/02 (2006.01)**
[25] EN
[54] **AIR FLOW SYSTEM FOR AN ENCLOSED PORTABLE GENERATOR**
[54] **SYSTEME D'ECOULEMENT D'AIR POUR GENERATEUR PORTATIF ENFERME**
[72] BOUTOT, JONATHAN R., US
[72] ADAMS, CHAD A., US
[72] SOTO, JOEL B., US
[73] GENERAC POWER SYSTEMS, INC.,
[86] (2914245)
[87] (2914245)
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[30] US (62/089,582) 2014-12-09
[30] US (14/962,604) 2015-12-08

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[25] EN
[54] **COMPOSITIONS FOR BLEACHING PULPS AND THEIR USE**
[54] **COMPOSITIONS PERMETTANT DE BLANCHIR LES PULPES ET LEUR UTILISATION**
[72] LIKITALO, MIKKO, BE
[73] IMERTECH SAS,
[85] 2015-12-04
[86] 2014-06-06 (PCT/EP2014/061878)
[87] (WO2014/195478)
[30] GB (1310188.6) 2013-06-07

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[13] C
[51] **Int.Cl. A01G 9/20 (2006.01) A01G 9/00 (2018.01) F21S 2/00 (2016.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR PROVIDING ILLUMINATION TO PLANTS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UN ECLAIRAGE A DES PLANTES**
[72] BERINSKY, GENNADIY, IL
[73] FLORA FOTONICA LTD,
[85] 2015-12-04
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[87] (WO2014/195952)
[30] US (61/831,775) 2013-06-06

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[51] **Int.Cl. E02D 17/13 (2006.01)**
[25] EN
[54] **METHOD AND FACILITY FOR MANUFACTURING A CONTINUOUS WALL IN THE GROUND**
[54] **PROCEDE ET INSTALLATION DE FABRICATION D'UNE PAROI CONTINUE DANS LE SOL**
[72] STEFF DE VERNINAC, BERTRAND, FR
[72] DARSON-BALLEUR, SABINE, FR
[72] RENALIER, FLORENCE, FR
[72] COUDRY, MICHEL, FR
[73] SOLETANCHE FREYSSINET,
[85] 2015-12-10
[86] 2014-06-11 (PCT/FR2014/051412)
[87] (WO2014/199078)
[30] FR (1355437) 2013-06-12

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[25] EN
[54] **METHOD FOR REPROCESSING AIRCRAFT DE-ICING AGENTS COMPRISING GLYCOL**
[54] **PROCEDE DE RETRAITEMENT D'AGENTS DE DEGIVRAGE DES AVIONS CONTENANT DU GLYCOL**
[72] STANKOWIAK, ACHIM, DE
[73] CLARIANT INTERNATIONAL LTD,
[85] 2015-12-11
[86] 2014-05-23 (PCT/EP2014/001413)
[87] (WO2014/198379)
[30] DE (10 2013 009 949.8) 2013-06-13

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[13] C
[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/18 (2006.01)**
[25] EN
[54] **IN SITU ACCELEROMETER CALIBRATION**
[54] **ETALONNAGE D'ACCELEROMETRE IN SITU**
[72] SUDOW, GUSTAV GORAN MATTIAS, US
[73] PGS GEOPHYSICAL AS,
[85] 2016-01-06
[86] 2014-07-09 (PCT/EP2014/064770)
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[30] US (61/844,650) 2013-07-10
[30] US (14/292,104) 2014-05-30

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[13] C
[51] **Int.Cl. G16B 50/00 (2019.01) G16B 30/00 (2019.01)**
[25] EN
[54] **DISCOVERY ROUTING SYSTEMS AND ENGINES**
[54] **SYSTEMES DE ROUTAGE DE DECOUVERTE ET MOTEURS**
[72] SOON-SHIONG, PATRICK, US
[73] SOON-SHIONG, PATRICK,
[85] 2016-01-06
[86] 2014-09-26 (PCT/US2014/057885)
[87] (WO2015/060994)
[30] US (14/445,025) 2014-07-28

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[51] **Int.Cl. B24B 49/10 (2006.01) B23Q 15/12 (2006.01) B24B 3/24 (2006.01) B24B 3/60 (2006.01) B24B 19/00 (2006.01) B24B 55/02 (2006.01)**
[25] EN
[54] **GRINDING APPARATUS WITH LOAD CONTROL**
[54] **APPAREIL DE MEULAGE A COMMANDE DE CHARGE**
[72] SJOLANDER, BO THOMAS, CA
[72] SJOLANDER, BJORN, CA
[73] C.M.E. BLASTING & MINING EQUIPMENT LTD.,
[85] 2016-01-19
[86] 2014-08-12 (PCT/CA2014/000619)
[87] (WO2015/021531)
[30] CA (2,823,643) 2013-08-12

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[25] EN
[54] **CONVEYOR BEARING SYSTEM**
[54] **SYSTEME DE PALIER DE BANDE TRANSPORTEUSE**
[72] KLEINIKKINK, ALBERT JOHN, CA
[72] MOWAT, DONALD JAMES, CA
[72] SCOTT, RYAN LLOYD WILLIS ARTHUR, CA
[73] ATS AUTOMATION TOOLING SYSTEMS INC.,
[85] 2016-01-22
[86] 2014-07-29 (PCT/CA2014/050717)
[87] (WO2015/013824)
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[51] **Int.Cl. G01J 3/28 (2006.01) G01D 21/00 (2006.01) G01J 3/44 (2006.01)**
[25] EN
[54] **ANALYZING AND CORRELATING SPECTRA, IDENTIFYING SAMPLES AND THEIR INGREDIENTS, AND DISPLAYING RELATED PERSONALIZED INFORMATION**
[54] **ANALYSE ET MISE EN CORRELATION DE SPECTRES, IDENTIFICATION D'ECHANTILLONS ET DE LEURS INGREDIENTS, ET AFFICHAGE D'INFORMATIONS PERSONNALISEES ASSOCIEES**
[72] WATSON, WILLIAM STEPHEN, CA
[72] CORREA, ISABEL DE OLIVEIRA, CA
[73] TELLSPEC INC.,
[85] 2016-01-22
[86] 2014-08-02 (PCT/IB2014/063642)
[87] (WO2015/019265)
[30] US (13/958,909) 2013-08-05

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[51] **Int.Cl. F16B 19/10 (2006.01) F16B 5/04 (2006.01)**
[25] EN
[54] **RIVET JOINT ARRANGEMENT AND METHOD FOR ITS PRODUCTION**
[54] **ARRANGEMENT DE JOINT A RIVET ET METHODE DE PRODUCTION ASSOCIEE**
[72] SCHMIDT, HEIKO, DE
[73] SCHMIDT, HEIKO,
[86] (2919407)
[87] (2919407)
[22] 2016-02-01
[30] DE (10 2015 101 642.7) 2015-02-05

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[51] **Int.Cl. F24T 10/17 (2018.01) F28F 1/40 (2006.01) F28F 9/24 (2006.01) F28F 13/06 (2006.01)**
[25] EN
[54] **GEOTHERMAL PROBE WITH MIXING ELEMENTS**
[54] **PUITS GEOTHERMIQUE EQUIPE D'ELEMENTS MELANGEURS**
[72] LEDWON, ANTON, DE
[73] DYNAMIC BLUE HOLDING GMBH,
[85] 2016-01-28
[86] 2014-09-23 (PCT/EP2014/070261)
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[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROL OF BAILMENT INVENTORY**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'INVENTAIRE DE DEPOT**
[72] ESFHANI, DAVID, US
[72] PACQUE, DEREK, US
[72] GEULA, KIUMARZ, US
[73] CHEXOLOGY LLC,
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[51] **Int.Cl. G01D 18/00 (2006.01) G06F 17/10 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **ANOMALY DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DETECTION D'ANOMALIE**
[72] MALHOTRA, PANKAJ, IN
[72] VIG, LOVEKESH, IN
[72] SHROFF, GAUTAM, IN
[72] AGARWAL, PUNEET, IN
[73] TATA CONSULTANCY SERVICES LIMITED,
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[87] (2921054)
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[51] **Int.Cl. G01R 35/00 (2006.01)**
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[54] **METHOD FOR CALIBRATING A TEST SETUP**
[54] **PROCEDE DE CALIBRAGE D'UN MONTAGE DE MESURE**
[72] ZIETZ, CHRISTIAN, DE
[72] HAERKE, DOMINIC, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG,
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[30] DE (10 2013 014 175.3) 2013-08-26

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[25] EN
[54] **A PANEL FOR COVERING A SURFACE OR SUPPORT AND AN ASSOCIATED JOINT SYSTEM**
[54] **PANNEAU PERMETTANT DE RECOUVRIR UNE SURFACE OU UN SUPPORT ET SYSTEME D'ARTICULATION ASSOCIE**
[72] KELL, RICHARD WILLIAM, AU
[73] VALINGE INNOVATION AB,
[85] 2016-03-18
[86] 2013-09-19 (PCT/AU2013/001073)
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[30] AU (2012904096) 2012-09-19
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[25] EN
[54] **METHOD AND APPARATUS FOR SENSING A PROPERTY OF A FLUID**
[54] **METHODE ET APPAREIL DE DETECTION D'UNE PROPRIETE D'UN FLUIDE**
[72] CONSTANDINOU, TIMOTHY G., GB
[72] REED, SAM, GB
[72] GEORGIOU, PANTELAKIS, GB
[73] DNAE GROUP HOLDINGS LIMITED,
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[87] (2924941)
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[25] EN
[54] **PROTECTIVE COATING FOR A SUBSTRATE**
[54] **REVETEMENT DE PROTECTION POUR UN SUBSTRAT**
[72] ZHIYUE, XU, US
[72] KUMAR, DEEPAK, US
[73] BAKER HUGHES INCORPORATED,
[85] 2016-04-06
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[25] EN
[54] **PUSH-ACTIVATED TUB SPOUT**
[54] **BEC DE BAIN ACTIVE PAR POUSSEE**
[72] DU, XAN VY, CA
[72] STAUDER, FRANK, CA
[72] BRHELLE, ALYSON, CA
[72] FISHER, BRYAN, CA
[73] MASCO CANADA LIMITED,
[86] (2926927)
[87] (2926927)
[22] 2016-04-14
[30] US (62/147,802) 2015-04-15

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[51] **Int.Cl. H04W 60/00 (2009.01) H04W 4/02 (2018.01) H04W 64/00 (2009.01) G06Q 20/32 (2012.01) H04W 4/30 (2018.01) H04W 4/50 (2018.01) H04W 4/80 (2018.01) G08B 25/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROGRAMMING, CONTROLLING AND MONITORING WIRELESS NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR PROGRAMMER, COMMANDER ET SURVEILLER DES RESEAUX SANS FIL**
[72] LI, SOL MINGSO, US
[73] LI, SOL MINGSO,
[85] 2016-03-15
[86] 2014-09-26 (PCT/US2014/057880)
[87] (WO2015/050796)
[30] US (61/887,321) 2013-10-04
[30] US (14/497,248) 2014-09-25

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[13] C
[51] **Int.Cl. C12M 1/24 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **SUBSTANCE RELEASE MECHANISM FOR BIOLOGICAL SAMPLE VESSEL**
[54] **MECANISME DE LIBERATION DE SUBSTANCE DESTINE A UN RECIPIENT D'ECHANTILLON BIOLOGIQUE**
[72] YANG-WOYTOWITZ, MEI, US
[72] POHL, BRENT, US
[72] HERSHNER, GARY F., US
[72] LIVINGSTON, DWIGHT, US
[72] URSPRUNG, ERIC, US
[72] LOTZ, GERARD, US
[72] BAILEY, KEVIN, US
[72] LENTZ, AMMON DAVID, US
[72] BRASCH, MICHAEL A., US
[72] YEH, MING-HSIUNG, US
[72] BEATY, PATRICK SHAWN, US
[72] YU, CHARLES C., US
[72] WILES, TIMOTHY M., US
[72] FENG, LIPING, US
[72] TURNG, BEN, US
[72] CHANG, XIAOFEI, US
[72] MURRAY, PATRICK R., US
[73] BECTON, DICKINSON AND COMPANY,
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[86] 2014-10-24 (PCT/US2014/062216)
[87] (WO2015/061711)
[30] US (61/895,760) 2013-10-25
[30] US (62/032,329) 2014-08-01

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[13] C
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **AUTO-INJECTOR**
[54] **AUTO-INJECTEUR**
[72] TREMBLAY, YAN, CA
[72] CLOUTIER, SYLVAIN, CA
[72] HAMEL, SIMON, CA
[73] DUOJECT MEDICAL SYSTEMS INC.,
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[54] **CORIOLIS DIRECT WELLHEAD MEASUREMENT DEVICES AND METHODS**
[54] **DISPOSITIFS ET METHODES DE MESURE DIRECTE DE TETE DE PUITS PAR EFFET CORIOLIS**
[72] SCHOLLENBERGER, FREDERICK SCOTT, US
[72] WEINSTEIN, JOEL, US
[73] MICRO MOTION, INC.,
[85] 2016-05-12
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[54] **A SELF-CONTAINED EQUIPMENT RENTING SYSTEM**
[54] **SYSTEME DE LOCATION D'EQUIPEMENT AUTONOME**
[72] SAGHEB, MASUD AHMADI M. A. S., CA
[73] M&J MOBILE RENTALS INC.,
[86] (2930625)
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[54] **TARGETING CANCER WITH METABOLIC THERAPY AND HYPERBARIC OXYGEN**
[54] **CIBLAGE DU CANCER PAR UNE THERAPIE METABOLIQUE ET OXYGENE HYPERBARE**
[72] D'AGOSTINO, DOMINIC PAUL, US
[72] POFF, ANGELA MARIE, US
[72] ARNOLD, PATRICK, US
[73] UNIVERSITY OF SOUTH FLORIDA,
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[25] EN
[54] **UREA DERIVATIVE OR PHARMACOLOGICALLY ACCEPTABLE SALT THEREOF**
[54] **DERIVE D'UREE OU SEL PHARMACOLOGIQUEMENT ACCEPTABLE DE CELUI-CI**
[72] TAKAHASHI, HIROYASU, JP
[72] SAITO, YOSHIFUMI, JP
[72] TSUDA, KOSUKE, JP
[72] SHIBASAKI, MITSUHITO, JP
[72] OHATA, KOHEI, JP
[73] KYORIN PHARMACEUTICAL CO., LTD.,
[85] 2016-05-27
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[25] EN
[54] **EXPANDING MULTI-FACED WORK LIGHT FLASHLIGHT**
[54] **LAMPE DE POCHE DE TRAVAIL MULTI FACETTE EXTENSIBLE**
[72] INSKEEP, MATHEW, US
[73] INSKEEP, MATHEW,
[86] (2932108)
[87] (2932108)
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[25] EN
[54] **ASSAY BUFFER, COMPOSITIONS CONTAINING THE SAME, AND METHODS OF USING THE SAME**
[54] **TAMPON DE DOSAGE, COMPOSITIONS CONTENANT CE TAMPON ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] TSIONSKY, MICHAEL, US
[72] GLEZER, ELI N., US
[72] ALTUNATA, SELEN, US
[72] SIGAL, GEORGE, US
[72] LELAND, JONATHAN K., US
[72] BILLADEAU, MARK A., US
[72] LEYTNER, SVETLANA, US
[72] MARTIN, MARK, US
[72] HELMS, LARRY, US
[73] MESO SCALE TECHNOLOGIES, LLC,
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[54] **SMART MAILBOX, SMART MAILBOX SYSTEM AND RELATED METHODS**
[54] **BOITE AUX LETTRES INTELLIGENTE, SYSTEME DE BOITE AUX LETTRES INTELLIGENTE ET PROCEDE ASSOCIE**
[72] GENG, XIAOJU, CN
[73] SUZHOU DEWO SMART SYSTEM CO., LTD.,
[85] 2016-06-06
[86] 2014-12-01 (PCT/CN2014/091986)
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[25] EN
[54] **ASEPTIC PIPELINE PIG WITH IDENTIFICATION MEANS**
[54] **RACLEUR ASEPTIQUE POURVU DE MOYENS D'IDENTIFICATION**
[72] HOFER, URS, CH
[72] HUBER, ANDRES, CH
[73] URESH AG,
[85] 2016-06-14
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[54] **DEVICE DELIVERY SYSTEM**
[54] **SYSTEME DE MISE EN PLACE DE DISPOSITIF**
[72] BOWMAN, HEATH, US
[72] TSUKUSHIMA, ROSS, US
[73] MICROVENTION, INC.,
[85] 2016-06-17
[86] 2014-12-19 (PCT/US2014/071696)
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[54] **CLEANING APPARATUS DATA MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES D'APPAREIL DE NETTOYAGE**
[72] GATTER, HEINZ, AT
[72] HANHART, PATRICK, CH
[73] DIVERSEY, INC.,
[85] 2016-06-28
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[54] **APPARATUS FOR DETECTING ARC FLASH**
[54] **APPAREIL DE DETECTION D'ECLAIR D'ARC**
[72] HOLMGAARD, NIELS, US
[72] SEEDORFF, JAKOB, US
[73] LITTELFUSE, INC.,
[86] (2936126)
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[54] **TAPE CASSETTE AND TAPE PRINTER**
[54] **CASSETTE A BANDE ET IMPRIMANTE SUR BANDE**
[72] YAMAGUCHI, KOSHIRO, JP
[72] SAGO, AKIRA, JP
[73] BROTHER KOGYO KABUSHIKI KAISHA,
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[25] EN
[54] **SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH**
[54] **SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LA LARGEUR DE BANDE D'UN SATELLITE A FAISCEAU ETROIT**
[72] POTTER, ROBERT, US
[72] DAUGHTRIDGE, STUART, US
[72] ORNDORFF, TIMOTHY, US
[73] KRATOS INTEGRAL HOLDINGS, LLC,
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[25] EN
[54] **ENGINEERED ZINC FINGER PROTEINS TARGETING 5-ENOLPYRUVYL SHIKIMATE-3-PHOSPHATE SYNTHASE GENES**
[54] **PROTEINES A DOIGT DE ZINC SYNTHETISEES CIBLANT DES GENES DE 5-ENOLPYRUVYL SHIKIMATE-3-PHOSPHATE SYNTHASE**
[72] GUPTA, MANJU, US
[72] PALTA, ASHA M., US
[72] NOVAK, STEPHEN, US
[72] URNOV, FYODOR, US
[72] GOPALAN, SUNITA, US
[73] DOW AGROSCIENCES LLC,
[73] SANGAMO THERAPEUTICS, INC.,
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[54] **NATURAL GAS LIQUID PRESSURE REGULATING VAPORIZER SAMPLING SYSTEM**
[54] **SYSTEME D'ECHANTILLONNAGE DE VAPORISATEUR A REGULATION DE PRESSION DE LIQUIDE DE GAZ NATUREL**
[72] THOMPSON, KENNETH O., US
[72] CURTIS, MICAH A., US
[73] MUSTANG SAMPLING, LLC,
[85] 2016-08-05
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[25] EN
[54] **ISOQUINOLINE DERIVATIVES AND USE THEREOF**
[54] **DERIVES D'ISOQUINOLINE ET LEUR UTILISATION**
[72] TAFESSE, LAYKEA, US
[72] PARK, JAE HYUN, US
[73] PURDUE PHARMA L.P.,
[85] 2016-08-11
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[54] **SUPPLEMENTAL CROSS-TECHNOLOGY DISCOVERY**
[54] **DECOUVERTE INTER-TECHNOLOGIES SUPPLEMENTAIRE**
[72] KELLEMAN, JAMES, US
[72] SIENICKI, JAMES, US
[73] QUALCOMM INCORPORATED,
[85] 2016-08-11
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[54] **SECURE REMOVABLE STORAGE FOR AIRCRAFT SYSTEMS**
[54] **RANGEMENT AMOVIBLE SECURISE DESTINE A DES SYSTEMES D'AERONEF**
[72] ANGUS, IAN GARETH, US
[72] SANTIAGO, RODOLFO ACUNA, US
[73] THE BOEING COMPANY,
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[87] (2939956)
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[54] **AUTOMATIC TRANSFER SWITCH MAINTENANCE BYPASS CABINET**
[54] **ARMOIRE DE MISE HORS SERVICE POUR ENTRETIEN A COMMUTATEUR DE TRANSFERT AUTOMATIQUE**
[72] OLIVER, COREY CHEYNE, US
[72] AYRES, DALE ROBERT, US
[73] WALMART APOLLO, LLC,
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[54] **ENCRYPTED OPTICAL MARKERS FOR SECURITY APPLICATIONS**
[54] **MARQUEURS OPTIQUES CRYPTES POUR APPLICATIONS DE SECURITE**
[72] SZCZEPANIK, MACIEJ B., US
[72] LIANG, MINGHWA BENJAMIN, US
[73] APDN (B.V.I.) INC.,
[85] 2016-08-24
[86] 2015-03-18 (PCT/US2015/021165)
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[25] EN
[54] **SYSTEM AND METHOD FOR MULTIPLE-INPUT AND MULTIPLE-OUTPUT (MIMO) FULL-DUPLEX PRECODING STRUCTURES**
[54] **SYSTEME ET PROCEDE POUR STRUCTURES DE PRECODAGE EN DUPLEX INTEGRAL A ENTREES MULTIPLES ET SORTIES MULTIPLES (MIMO)**
[72] LE-NGOC, THO, CA
[72] HUBERMAN, SEAN, CA
[73] HUAWEI TECHNOLOGIES CO., LTD.,
[85] 2016-08-26
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[25] EN
[54] **PYRIMIDINE CARBOXAMIDES AS SODIUM CHANNEL BLOCKERS**
[54] **PYRIMIDINE CARBOXAMIDES A TITRE DE BLOQUEURS DES CANAUX SODIQUES**
[72] LOCKMAN, JEFFREY, US
[72] NI, CHIYOU, US
[72] PARK, JAE HYUN, US
[72] PARK, MINNIE, US
[72] SHAO, BIN, US
[72] TAFESSE, LAYKEA, US
[72] YAO, JIANGCHAO, US
[72] YOUNGMAN, MARK A., US
[73] PURDUE PHARMA L.P.,
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[54] **POCKETED SPRING ASSEMBLY**
[54] **ENSEMBLE A RESSORTS EN POCHE**
[72] EIGENMANN, GUIDO, US
[72] RICHMOND, DARRELL A., US
[72] WELLS, THOMAS W., US
[73] L&P PROPERTY MANAGEMENT COMPANY,
[85] 2016-08-30
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[25] EN
[54] **ALKYL AMIDES FOR ENHANCED FOOD SOIL REMOVAL AND ASPHALT DISSOLUTION**
[54] **ALKYLAMIDES POUR UNE ELIMINATION AMELIOREE DES TACHES D'ORIGINE ALIMENTAIRE ET LA DISSOLUTION DES ASPHALTES**
[72] BLATTNER, AMANDA RUTH, US
[72] HODGE, CHARLES ALLEN, US
[72] LEVITT, MARK DENNIS, US
[72] PEITERSEN, NATHAN D., US
[73] ECOLAB USA INC.,
[85] 2016-09-01
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[54] **WIRE FEED LIMITER**
[54] **LIMITEUR D'APPROVISIONNEMENT DE CABLE**
[72] GIESE, WILLIAM R., US
[72] MILLER, ERIK, US
[73] ILLINOIS TOOL WORKS INC.,
[86] (2941974)
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[25] EN
[54] **POWERED SURGICAL HANDPIECE HAVING A SURGICAL TOOL WITH AN RFID TAG**
[54] **PIECE A MAIN CHIRURGICALE ELECTRIQUE AYANT UN OUTIL CHIRURGICAL AYANT UNE ETIQUETTE RFID**
[72] GLADSTONE, SAMUEL, US
[73] MEDTRONIC XOMED, INC.,
[85] 2016-09-09
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[54] **DRY PRODUCT DISPENSER WITH REPLACEABLE PORTION CONTROL CONTAINERS AND RATCHETING HANDLE**
[54] **DISTRIBUTEUR DE PRODUIT SEC AVEC RECIPIENTS A COMMANDE DE PORTION REMPLACABLE ET POIGNEE A CLIQUET**
[72] RUSCH, GERALD A., US
[73] SERVER PRODUCTS, INC.,
[85] 2016-09-23
[86] 2015-03-25 (PCT/US2015/022430)
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[51] **Int.Cl. B65D 30/12 (2006.01) B29C 65/02 (2006.01) B65D 33/00 (2006.01)**
[25] EN
[54] **OPEN MESH MATERIAL AND BAGS MADE THEREFROM**
[54] **MATERIAU A MAILLES OUVERTES ET SACS QUI EN SONT CONSTITUES**
[72] FREI, ROBERT, US
[72] HEFNER, CORBETT, US
[72] LANDERTSHAMER, FRIEDRICH, US
[72] MUELLER, ALAN, US
[73] VOLM COMPANIES, INC.,
[86] (2944559)
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[22] 2010-10-07
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[30] US (61/305,003) 2010-02-16
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[25] EN
[54] **PUSH AND PULL MEDICAL DEVICE DELIVERY SYSTEM**
[54] **SYSTEME DE POSE DE DISPOSITIF MEDICAL A MOUVEMENT DE PISTON**
[72] CULLY, EDWARD H., US
[72] KARINIEMI, RYAN D., US
[72] WILLIAMS, DAVID M., US
[73] W. L. GORE & ASSOCIATES, INC.,
[85] 2016-10-06
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[87] (WO2015/168627)
[30] US (61/988,038) 2014-05-02
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[54] **RAILWAY TRUCK BOLSTER WEAR LINER**
[54] **COUCHE D'USURE DE TRAVERSE PIVOT DE CHARIOT-DIABLE**
[72] WARREN, RICHARD, US
[72] WIKE, PAUL, US
[73] AMSTED RAIL COMPANY, INC.,
[86] (2945288)
[87] (2945288)
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[54] **TREATMENT DELIVERY SYSTEMS AND METHOD FOR TREATING A BODY OF WATER**
[54] **SYSTEMES D'ADMINISTRATION DE TRAITEMENT ET PROCEDE POUR TRAITER UN PLAN D'EAU**
[72] SIMMONS, BRENT A., US
[72] THORDARSON, GUNNAR T., US
[72] ROBERTSON, JAMES C., US
[73] PROCESS SOLUTIONS, INC.,
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[54] **CONTROL VALVE FOR FLUID TREATMENT APPARATUS**
[54] **VANNE DE COMMANDE DESTINEE A UN APPAREILLAGE DE TRAITEMENT DE LIQUIDE**
[72] BOGLIO, EUGENE, US
[72] ANDERSON, DOUG, US
[72] SLOMA, ADAM, US
[72] WEBB, LONNIE, US
[72] SAHNI, HARKIRAT, US
[72] LATHOURIS, BILL, US
[73] CULLIGAN INTERNATIONAL COMPANY,
[86] (2945594)
[87] (2945594)
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[25] EN
[54] **PRODUCT APPLICATION DEVICE**
[54] **DISPOSITIF D'APPLICATION DE PRODUIT**
[72] SHORLAND, SIMON T., GB
[72] CUNNINGHAM, SAMANTHA, GB
[72] MAZUR, BEN, GB
[72] AL-MUKHTAR, OSAMA JAMES, GB
[73] ELEMENTZ LLC,
[85] 2016-10-14
[86] 2015-04-23 (PCT/GB2015/051203)
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[30] US (61/983,205) 2014-04-23
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[25] EN
[54] **PEROXIDE FORMULATIONS AND METHODS AND APPLICATORS FOR USING THE SAME**
[54] **FORMULES DE PEROXYDE ET PROCEDES ET APPLICATEURS POUR LEUR UTILISATION**
[72] SHANLER, STUART D., US
[72] POWALA, CHRISTOPHER, US
[72] PHILLIPS, CHRISTOPHER, US
[72] BEGER, BRIAN, US
[72] GREENAWAY EVANS, CHARLES RODNEY, GB
[72] BOTTA, MICHAEL A., US
[72] NAGLER, THOMAS, US
[72] LIM, SIAN TIONG (DECEASED), GB
[72] BROWN, MARC BARRY, GB
[73] ACLARIS THERAPEUTICS, INC.,
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026948)
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[30] US (61/982,217) 2014-04-21
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[54] **FILTERING NEEDLE CAP**
[54] **EMBOUT D'AIGUILLE DE FILTRATION**
[72] CARR, SUE E., US
[72] DELGADO, JESSIE, US
[72] BROWKA, EDWARD, US
[72] MCCALL, CHARLES E., JR., US
[72] FOSHEE, DAVID L., US
[73] CARRTECH LLC,
[85] 2016-11-03
[86] 2014-05-19 (PCT/US2014/038625)
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[25] EN
[54] **NON-INVASIVE THERMAL DISPERSION FLOW METER WITH CHRONOMETRIC MONITOR OR FLUID LEAK DETECTION AND FREEZE BURST PREVENTION**
[54] **DEBITMETRE A DISPERSION THERMIQUE NON-INVASIF A SUIVEUR CHRONOMETRIQUE OU DETECTION DE FUITE DE FLUIDE ET PREVENTION D'ECLATEMENT DU AU GEL**
[72] TRESCOTT, ROBERT, US
[72] SHAW, SCOTT, US
[73] SENTINEL HYDROSOLUTIONS, LLC,
[85] 2016-11-21
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[54] **MUD MOTOR WITH INTEGRATED MWD SYSTEM**
[54] **MOTEUR A BOUE DOTE D'UN SYSTEME INTEGRE DE MESURE EN COURS DE FORAGE**
[72] DERKACZ, PATRICK R., CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[73] EVOLUTION ENGINEERING INC.,
[85] 2016-12-05
[86] 2015-05-08 (PCT/CA2015/050417)
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[54] **PICTURE ORDER COUNT RESET FOR MULTI-LAYER CODECS**
[54] **REINITIALISATION DE COMPTAGE D'ORDRE D'IMAGE POUR DES CODECS MULTICOUCHES**
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED,
[85] 2016-12-07
[86] 2015-06-17 (PCT/US2015/036209)
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[30] US (62/015,346) 2014-06-20
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[25] EN
[54] **IMPROVED PACKAGING FOR CONFECTIONERY AND METHOD OF OPENING**
[54] **EMBALLAGE AMELIORE ET PROCEDE D'OUVERTURE**
[72] WETTON, AMY, GB
[72] DISAVINO, VINCENZO, GB
[72] CLARK, JO-ANN, GB
[72] LLOYD, ADAM, GB
[73] MONDELEZ UK R&D LIMITED,
[86] (2951662)
[87] (2951662)
[22] 2014-03-06
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[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING REFERENCES TO RELATED VIDEO**
[54] **PROCEDE ET SYSTEME PERMETTANT DE GENERER DES REFERENCES A UNE VIDEO CONNEXE**
[72] KUNISETTY, SRIDHAR, US
[72] MISHRA, SANJEEV, US
[73] ARRIS ENTERPRISES LLC,
[85] 2016-12-09
[86] 2015-06-02 (PCT/US2015/033714)
[87] (WO2015/191331)
[30] US (14/302,190) 2014-06-11

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[25] EN
[54] **FLOTATION OF SPHALERITE FROM MIXED BASE METAL SULFIDE ORES EITHER WITHOUT OR WITH LARGELY REDUCED AMOUNT OF COPPER SULFATE ADDITION USING 2-(ALKYLAMINO) ETHANETHIOLS AS COLLECTORS**
[54] **FLOTTATION DE SPHALERITE A PARTIR DE MINERAIS DE SULFITES DE METAL DE BASE MELANGES AVEC OU SANS UNE QUANTITE GRANDEMENT REDUITE DE SULFATE DE CUIVRE AJOUTE AU MOYEN D'ALKYLAMINO-2 ETHANETIOLS COMME COLLECTEURS**
[72] NIRDOSH, INDERJIT, CA
[72] RAMANATHAN, NATARAJAN, IN
[73] LAKEHEAD UNIVERSITY,
[86] (2952642)
[87] (2952642)
[22] 2016-12-22
[30] US (62/281,872) 2016-01-22

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[25] EN
[54] **RETRACTABLE SUN SHADE**
[54] **STORE PARE-SOLEIL ESCAMOTABLE**
[72] WESTGARTH, PETER, CA
[73] SHADEFX CANOPIES INC.,
[73] SHADEFX CANOPIES INC.,
[86] (2953934)
[87] (2953934)
[22] 2007-06-26
[62] 2,592,624

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[51] **Int.Cl. H04W 12/04 (2009.01) H04W 8/02 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CERTIFICATE SELECTION IN VEHICLE-TO-VEHICLE APPLICATIONS TO ENHANCE PRIVACY**
[54] **SYSTEME ET METHODE DE SELECTION DE CERTIFICAT DANS LES APPLICATIONS DE VEHICULE A VEHICULE AFIN D'AUGMENTER LA CONFIDENTIALITE**
[72] ROMANSKY, BRIAN M., US
[72] GRANTCHAROV, CONSTANTINE, CA
[72] EBEID, NEVINE MAURICE NASSIF, CA
[73] ETAS EMBEDDED SYSTEMS CANADA INC.,
[86] (2955277)
[87] (2955277)
[22] 2017-01-19
[30] US (62/288,010) 2016-01-28

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[25] EN
[54] **WELDING-TYPE SYSTEMS AND USER INTERFACES HAVING A COLOR DISPLAY FOR DISPLAYING PHYSICAL SETUP INSTRUCTIONS**
[54] **SYSTEMES DE TYPE SOUDAGE ET INTERFACES UTILISATEUR A AFFICHAGE COULEUR SERVANT A AFFICHER LES INSTRUCTIONS D'INSTALLATION PHYSIQUE**
[72] KNOENER, CRAIG STEVEN, US
[72] DESSART, NICHOLAS JAMES, US
[72] MUELLER, EMILY ROSE, US
[73] ILLINOIS TOOL WORKS INC.,
[86] (2955327)
[87] (2955327)
[22] 2017-01-18
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[25] EN
[54] **AIR DISTRIBUTION SYSTEM FOR A PNEUMATIC CONVEYING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AIR POUR UN SYSTEME DE TRANSPORT PNEUMATIQUE**
[72] HUI, KA PO CATHERINE, CA
[72] ROBERGE, MARTIN J., CA
[72] DENIS, JOEL JEAN-CLAUDE, CA
[72] CARLTON, OWEN ROBERT, CA
[72] THOMPSON, DENNIS GEORGE, CA
[73] CNH INDUSTRIAL CANADA, LTD.,
[86] (2956358)
[87] (2956358)
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[51] **Int.Cl. B01D 61/14 (2006.01)**
[25] EN
[54] **INLINE DIAFILTRATION WITH MULTI-CHANNEL PUMP**
[54] **DIAFILTRATION EN LINE AU MOYEN D'UNE POMPE MULTICANAL**
[72] AYTURK, ENGIN, US
[72] CASEY, CATHERINE, US
[73] PALL CORPORATION,
[86] (2956615)
[87] (2956615)
[22] 2017-01-31
[30] US (15/015,350) 2016-02-04

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[51] **Int.Cl. E21B 47/10 (2012.01) G01V 1/40 (2006.01) G01V 3/18 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MONITORING A SUBTERRANEAN FORMATION AND WELLBORE PRODUCTION**
[54] **PROCEDES ET SYSTEMES POUR SURVEILLER UNE FORMATION SOUTERRAINE ET UNE PRODUCTION DE PUITS DE FORAGE**
[72] PALOMAREZ, VINCENT, US
[73] BAKER HUGHES INCORPORATED,
[85] 2017-02-09
[86] 2015-08-14 (PCT/US2015/045267)
[87] (WO2016/025828)
[30] US (62/038,086) 2014-08-15

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[54] **INDIVIDUAL HEALTH RECORD SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL D'ENREGISTREMENT D'UN ETAT DE SANTE INDIVIDUEL**
[72] KORPMAN, RALPH, US
[72] POST, CINDY A., US
[72] HILADO, RUDY R., US
[72] CLEGG, W. RANDAL, US
[73] CENTRIFYHEALTH, LLC,
[86] (2958669)
[87] (2958669)
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[51] **Int.Cl. B60R 16/02 (2006.01) B60R 16/023 (2006.01) B60R 16/03 (2006.01)**
[25] EN
[54] **SELF-POWERED WIRELESS FUSE SWITCH**
[54] **FUSIBLE-INTERRUPTEUR SANS FIL AUTO-ALIMENTE**
[72] TIEMAN, CRAIG A., US
[73] TIEMAN, CRAIG A.,
[85] 2016-06-27
[86] 2014-12-19 (PCT/US2014/071509)
[87] (WO2015/100166)
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[51] **Int.Cl. C22C 21/00 (2006.01) B22D 7/00 (2006.01) B22D 15/00 (2006.01) C22F 1/04 (2006.01)**
[25] EN
[54] **ALLOYS FOR HIGHLY SHAPED ALUMINUM PRODUCTS AND METHODS OF MAKING THE SAME**
[54] **ALLIAGES POUR DES PRODUITS EN ALUMINIUM TRES FACONNES ET LEURS PROCEDES DE FABRICATION**
[72] GO, JOHNSON, US
[72] KANG, DAEHOON, US
[72] HAMERTON, RICHARD, US
[73] NOVELIS INC.,
[85] 2017-02-24
[86] 2015-09-10 (PCT/US2015/049321)
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[30] US (62/049,445) 2014-09-12

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[25] EN
[54] **FLOOR POWER DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION ELECTRIQUE AU SOL**
[72] JONES, DAVID K., US
[72] PAYNE, JAMIE, US
[72] HOLSTEGE, CODY JAY, US
[72] SCHNEIDER, MARK ANDREW, US
[73] STEELCASE INC.,
[85] 2017-02-27
[86] 2015-09-14 (PCT/US2015/049982)
[87] (WO2016/040943)
[30] US (62/049,483) 2014-09-12
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[51] **Int.Cl. H02M 7/493 (2007.01) H02M 1/12 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING AN ALTERNATING ELECTRIC CURRENT**
[54] **PROCEDE PERMETTANT DE GENERER UN COURANT ELECTRIQUE ALTERNATIF**
[72] GENSIOR, ALBRECHT, DE
[73] WOBBEN PROPERTIES GMBH,
[85] 2017-03-07
[86] 2015-09-09 (PCT/EP2015/070536)
[87] (WO2016/045963)
[30] DE (10 2014 219 052.5) 2014-09-22

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[51] **Int.Cl. G06F 16/9032 (2019.01) G06F 16/9532 (2019.01)**
[25] EN
[54] **ENHANCED SEARCH QUERY SUGGESTIONS**
[54] **SUGGESTIONS D'INTERROGATIONS DE RECHERCHE AMELIOREES**
[72] SOMAIYA, MANAS HARIBHAI, US
[72] MUKHERJEE, RAJYASHREE, US
[72] MISHRA, SHRISH, US
[72] SU, FANG-HSIANG, US
[73] EBAY INC.,
[85] 2017-03-08
[86] 2015-08-28 (PCT/US2015/047460)
[87] (WO2016/040013)
[30] US (62/049,271) 2014-09-11
[30] US (14/818,034) 2015-08-04

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[51] **Int.Cl. G06F 12/02 (2006.01) G06F 3/06 (2006.01)**
[25] EN
[54] **ASYNCHRONOUS PROCESSING OF MAPPING INFORMATION**
[54] **TRAITEMENT ASYNCHRONE D'INFORMATIONS DE MAPPAGE**
[72] TALWALKAR, ANUP, US
[72] MARKLE, SETH WILLIAM, US
[72] HERSHEY, STEVEN MICHAEL, US
[73] AMAZON TECHNOLOGIES, INC.,
[85] 2017-03-13
[86] 2015-09-21 (PCT/US2015/051249)
[87] (WO2016/048904)
[30] US (14/494,360) 2014-09-23

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[13] C
[51] **Int.Cl. H04N 1/60 (2006.01) B41J 2/175 (2006.01)**
[25] EN
[54] **PRINTER CARTRIDGES AND MEMORY DEVICES CONTAINING COMPRESSED MULTI-DIMENSIONAL COLOR TABLES**
[54] **CARTOUCHES D'IMPRIMANTE ET DISPOSITIFS DE MEMOIRE CONTENANT DES TABLES DE COULEUR MULTIDIMENSIONNELLES COMPRIMEES**
[72] GONDEK, JAY S., US
[72] NICHOLS, STEPHEN J., US
[72] WARD, JEFFERSON P., US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.,
[85] 2017-03-14
[86] 2015-05-15 (PCT/US2015/031170)
[87] (WO2016/186625)

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[13] C
[51] **Int.Cl. G01N 21/77 (2006.01)**
[25] EN
[54] **GUIDED-MODE RESONANCE SENSORS EMPLOYING ANGULAR, SPECTRAL, MODAL, AND POLARIZATION DIVERSITY FOR HIGH-PRECISION SENSING IN COMPACT FORMATS**
[54] **CAPTEURS A RESONANCE EN MODE GUIDE EMPLOYANT UNE DIVERSITE ANGULAIRE, MODALE SPECTRALE ET DE POLARISATION POUR UNE DETECTION A HAUTE PRECISION DANS DES FORMATS COMPACTS**
[72] MAGNUSSON, ROBERT, US
[72] WAWRO, DEBRA D., US
[73] MAGNUSSON, ROBERT,
[73] WAWRO, DEBRA D.,
[86] (2962332)
[87] (2962332)
[22] 2007-09-07
[62] 2,663,160
[30] US (60/825,066) 2006-09-08
[30] US (11/656,612) 2007-01-22

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 37/00 (2006.01) H01F 27/08 (2006.01) H01F 38/00 (2006.01)**
[25] EN
[54] **WELDING TYPE POWER SUPPLY WITH WELD TRANSFORMER**
[54] **ALIMENTATION ELECTRIQUE DU TYPE POUR SOUDAGE A TRANSFORMATEUR DE SOUDAGE**
[72] ALTEKRUSE, KENNETH C., US
[73] ILLINOIS TOOL WORKS INC.,
[85] 2017-03-23
[86] 2015-10-04 (PCT/US2015/053907)
[87] (WO2016/073096)
[30] US (14/535,654) 2014-11-07

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[25] EN
[54] **THE CLEAN CLAW**
[54] **GRIFFE PROPRE**
[72] POWELL, WENDY J., CA
[73] POWELL, WENDY J.,
[86] (2963805)
[87] (2963805)
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[13] C
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 17/12 (2006.01)**
[25] EN
[54] **SECURING MECHANISM FOR ROTARY ASSEMBLY WEAR SLEEVES**
[54] **MECANISME DE FIXATION POUR MANCHONS D'USURE D'ENSEMBLE ROTATIF**
[72] ESTRADA, EDGAR ANDRES, CA
[72] DEMISSIE, MESFIN AYALE, CA
[72] D'SILVA, ALBEN, CA
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-04-07
[86] 2014-12-23 (PCT/US2014/072096)
[87] (WO2016/105379)

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[13] C
[51] **Int.Cl. E05D 15/16 (2006.01) E05D 13/00 (2006.01)**
[25] EN
[54] **WINDOW BALANCE ASSEMBLY INCLUDING SASH SUPPORT BRACKET**
[54] **MECANISME D'EQUILIBRAGE DE FENETRE COMPORTANT UN SUPPORT DE CHASSIS**
[72] LUCCI, ROBERT M., US
[72] BAGLIO, ANDREW, US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC,
[86] (2964091)
[87] (2964091)
[22] 2017-04-11
[30] US (15/468,517) 2017-03-24
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[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **FLOW CYTOMETER REMOTE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE A DISTANCE DE CYTOMETRE DE FLUX**
[72] SALINAS, JAMES J., US
[72] EVANS, KENNETH M., US
[73] INGURAN, LLC,
[86] (2964584)
[87] (2964584)
[22] 2009-05-01
[62] 2,725,423
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[25] EN
[54] **MODULAR KITCHEN EXHAUST SYSTEM**
[54] **DISPOSITIF D'EVACUATION MODULAIRE POUR CUISINE**
[72] LIVCHAK, ANDREY V., US
[72] SCHROCK, DEREK W., US
[72] SIPILA, OLLI, US
[72] MEREDITH, PHILIP J., US
[72] BEARDSLEE, DARRIN W., US
[72] BAGWELL, RICK A., US
[72] FALLER, ANDREW C., US
[73] OY HALTON GROUP, LTD.,
[86] (2965271)
[87] (2965271)
[22] 2007-04-18
[62] 2,788,491
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[51] **Int.Cl. E06C 7/16 (2006.01)**
[25] EN
[54] **WORKING CAP SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CAPUCHON DE TRAVAIL**
[72] MORENO, JEZIEL RAMOS, MX
[72] MARTINEZ, CESAR REYNA, MX
[73] LOUISVILLE LADDER INC.,
[86] (2965646)
[87] (2965646)
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[25] EN
[54] **POROUS ELECTRODE SUBSTRATE, MEMBRANE-ELECTRODE ASSEMBLY USING SAME, AND POLYMER ELECTROLYTE FUEL CELL USING SAME**
[54] **SUBSTRAT D'ELECTRODE POREUX, ENSEMBLE MEMBRANE/ELECTRODE L'UTILISANT, ET PILE A COMBUSTIBLE A POLYMERE SOLIDE L'UTILISANT**
[72] TATSUNO, HIROTO, JP
[72] NAKAMURA, MAKOTO, JP
[73] MITSUBISHI CHEMICAL CORPORATION,
[85] 2017-04-25
[86] 2015-11-04 (PCT/JP2015/081019)
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[54] **UNMANNED AERIAL VEHICLE CONFIGURATION FOR EXTENDED FLIGHT**
[54] **CONFIGURATION DE VEHICULE AERIEN SANS PILOTE POUR VOL PROLONGE**
[72] WELSH, RICKY DEAN, US
[72] BUCHMUELLER, DANIEL, US
[72] HENSEL, FABIAN, US
[72] KIMCHI, GUR, US
[72] LEGRAND, LOUIS LEROI, III, US
[72] PORTER, BRANDON WILLIAM, US
[72] ROBB, WALKER CHAMBERLAIN, US
[72] TRAUBE, JOSHUA WHITE, US
[73] AMAZON TECHNOLOGIES, INC.,
[85] 2017-05-02
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[54] **INJECTION MOLDING MACHINE**
[54] **MACHINE DE MOULAGE PAR INJECTION**
[72] HALTER, CHRISTOPHE, BE
[72] LUDWIG, SYLVAIN, FR
[72] MAI, ARNOLD HEINZ, DE
[73] HUSKY INJECTION MOLDING SYSTEMS LTD.,
[85] 2017-05-04
[86] 2015-12-01 (PCT/CA2015/051246)
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[30] US (62/091,745) 2014-12-15

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[25] EN
[54] **TOLL-FREE TELECOMMUNICATIONS MANAGEMENT PLATFORM**
[54] **PLATE-FORME DE GESTION D'APPEL GRATUIT**
[72] SHARMA, SRIRAM, US
[72] CARTER, WILLIAM, US
[72] BHAT, MANISHA, US
[72] CARTER, PAMELA J., US
[72] CHAUHAN, SANJEEV, US
[72] KARNAS, RYAN, US
[72] KIMMEL, MICHAEL, US
[72] WONG, SUK YEE, US
[73] SOMOS, INC.,
[85] 2017-05-10
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[30] US (62/088,406) 2014-12-05
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[54] **STABILIZATION OF HEXAGONAL BORON NITRIDE NANOPARTICLES**
[54] **STABILISATION DE NANOPARTICULES DE NITRURE DE BORE HEXAGONALES**
[72] LIEVENS, SERGE, US
[72] RADOJCIC, VERA, US
[72] AGARWAL, SANDIP, US
[72] FUERSTSMAN, MICHAEL, US
[73] ARTECO NV,
[85] 2017-05-16
[86] 2015-12-14 (PCT/US2015/065605)
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[54] **FLUID PRESSURE PULSE GENERATOR FOR A DOWNHOLE TELEMETRY TOOL**
[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR UN OUTIL DE TELEMESURE DE FOND DE TROU**
[72] STACK, LUKE, CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] LEE, GAVIN GAW-WAE, CA
[73] EVOLUTION ENGINEERING INC.,
[85] 2017-05-11
[86] 2015-12-01 (PCT/CA2015/051251)
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[25] EN
[54] **DECODER FOR DECODING A MEDIA SIGNAL AND ENCODER FOR ENCODING SECONDARY MEDIA DATA COMPRISING METADATA OR CONTROL DATA FOR PRIMARY MEDIA DATA**
[54] **DECODEUR POUR DECODER UN SIGNAL MULTIMEDIA, ET ENCODEUR POUR ENCODER DES DONNEES MULTIMEDIAS SECONDAIRES COMPRENANT DES METADONNEES OU DES DONNEES DE COMMANDE ASSOCIEES A DES DONNEES MULTIMEDIAS PRIMAIRES**
[72] BLEIDT, ROBERT, US
[72] BLIEM, TOBIAS, DE
[72] KRAEGELOH, STEFAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
[85] 2017-05-11
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[25] EN
[54] **WIRELESS SENSOR READER**
[54] **LECTEUR-DETECTEUR SANS FIL**
[72] ROWLAND, HARRY, US
[72] WATKINS, ROGER, US
[72] SUNDARAM, BALAMURUGAN, US
[72] PAUL, BRYAN, US
[72] AHN, IN SOO, US
[72] NAGY, MICHAEL, US
[73] ENDOTRONIX, INC.,
[86] (2967730)
[87] (2967730)
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[54] **MEMS GYROSCOPE FOR DETECTING ROTATIONAL MOTIONS ABOUT AN X-, Y- AND/OR Z- AXIS**
[54] **GYROSCOPE MICROELECTROMECANIQUE PERMETTANT DE DETERMINER DES MOUVEMENTS DE ROTATION AUTOUR D'UN AXE X, Y OU Z**
[72] ROCCHI, ALESSANDRO, IT
[73] HANKING ELECTRONICS, LTD.,
[86] (2967995)
[87] (2967995)
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[54] **PACKAGE FOR CONSUMER CARE PRODUCTS**
[54] **CONDITIONNEMENT POUR PRODUITS DE SOINS DE CONSOMMATEUR**
[72] ELLSWORTH, JUSTIN ALAN, US
[73] THE PROCTER & GAMBLE COMPANY,
[85] 2017-05-16
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[25] EN
[54] **ESTERS OF .ALPHA.-ASARONOL, METHODS OF PREPARATION AND USES THEREOF**
[54] **ESTERS D'ALPHA-ASARONOL, METHODES DE PREPARATION ET UTILISATIONS ASSOCIEES**
[72] ZHENG, XIAOHUI, CN
[72] QIN, FANGGANG, CN
[72] BAI, YAJUN, CN
[72] WANG, SHIXIANG, CN
[72] ZHANG, YI, CN
[72] HE, XIRUI, CN
[72] LIU, PEI, CN
[73] NORTHWEST UNIVERSITY,
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[25] EN
[54] **AQUEOUS POLYURETHANE-POLYUREA DISPERSION AND AQUEOUS BASE PAINT CONTAINING SAID DISPERSION**
[54] **DISPERSION AQUEUSE DE POLYURETHANE-POLYUREE ET PEINTURE DE BASE AQUEUSE CONTENANT CETTE DISPERSION**
[72] REUTER, HARDY, DE
[72] BLOHM, MATTHIAS, DE
[72] ZIHANG, THOMAS, DE
[72] STEINMETZ, BERNHARD, DE
[72] JANKOWSKI, PEGGY, DE
[72] EIERHOFF, DIRK, DE
[73] BASF COATINGS GMBH,
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[54] **PACKAGE FOR CONSUMER CARE PRODUCTS**
[54] **CONDITIONNEMENT POUR PRODUITS DE SOINS DE CONSOMMATEUR**
[72] ELLSWORTH, JUSTIN ALAN, US
[73] THE PROCTER & GAMBLE COMPANY,
[85] 2017-06-02
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[51] **Int.Cl. C02F 11/12 (2019.01) C02F 11/121 (2019.01) C02F 11/147 (2019.01) C02F 11/00 (2006.01)**
[25] EN
[54] **RECOVERY DEVICE AND RECOVERY METHOD FOR RECOVERING SPECIFIC MATERIAL FROM SLUDGE**
[54] **DISPOSITIF DE RECUPERATION ET METHODE DE RECUPERATION DESTINES A RECUPERER DES MATIERES SPECIFIQUES DANS UNE BOUE**
[72] YAMASHITA, MANABU, JP
[72] MORITA, MASAKAZU, JP
[72] MINO, HIROYUKI, JP
[72] NISHIHARA, YASUAKI, JP
[72] YANAI, ATSUSHI, JP
[72] TAMAUCHI, RYOSUKE, JP
[72] SUETSUGU, YASUTAKA, JP
[72] KATAYAMA, MASAYOSHI, JP
[73] ISHIGAKI COMPANY LIMITED,
[86] (2970289)
[87] (2970289)
[22] 2014-06-20
[62] 2,917,488
[30] JP (2013-155125) 2013-07-26
[30] JP (2013-189126) 2013-09-12
[30] JP (2013-189127) 2013-09-12

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[13] C
[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/70 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **HYDRAULIC FRACTURING COMPOSITION, METHOD FOR MAKING AND USE OF SAME**
[54] **COMPOSITION DE FRACTURATION HYDRAULIQUE, SON PROCEDE DE PRODUCTION ET D'UTILISATION**
[72] SHEN, DONG, US
[72] LI, LEIMING, US
[72] ZHOU, JIA, US
[72] SUN, HONG, US
[73] BAKER HUGHES INCORPORATED,
[85] 2017-06-09
[86] 2015-12-09 (PCT/US2015/064815)
[87] (WO2016/100048)
[30] US (14/570,003) 2014-12-15

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[51] **Int.Cl. F04D 29/56 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/46 (2006.01) F24F 7/007 (2006.01)**
[25] EN
[54] **COMPACT AIR MOVING DEVICE**
[54] **DISPOSITIF DE DEPLACEMENT D'AIR COMPACT**
[72] BEREAN, KYLE J., US
[73] DL MANUFACTURING,
[86] (2970867)
[87] (2970867)
[22] 2017-06-15
[30] US (62/350,199) 2016-06-15

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[25] EN
[54] **BIOPOLYMER AND ISOCYANATE BASED BINDER AND COMPOSITE MATERIALS**
[54] **BIOPOLYMERE ET LIANT A BASE D'ISOCYANATE ET MATERIAUX COMPOSITES**
[72] SALEHPOUR, SOMAIEH, CA
[72] IRELAND, J. DOUGLAS, CA
[72] SMEETS, NIELS M.B., CA
[72] BLOEMBERGEN, STEVEN, US
[73] ECOSYNTHETIX INC.,
[85] 2017-06-14
[86] 2015-04-30 (PCT/CA2015/050371)
[87] (WO2016/101063)
[30] US (62/096,260) 2014-12-23

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[51] **Int.Cl. B32B 7/025 (2019.01) B42D 25/369 (2014.01) B42D 25/373 (2014.01) B42D 25/45 (2014.01) B32B 15/00 (2006.01) H01G 4/06 (2006.01) C09D 11/50 (2014.01)**
[25] EN
[54] **HIGH CHROMATICITY PIGMENT FLAKES AND FOILS**
[54] **FLOCONS ET FEUILLES PIGMENTAIRES A CHROMATICITE ELEVEE**
[72] SEYDEL, JOHANNES, US
[72] THOMAS, PAUL, US
[72] TEVIS, MARK, US
[72] KUNA, JEFFREY JAMES, US
[73] VIAVI SOLUTIONS INC.,
[86] (2971812)
[87] (2971812)
[22] 2017-06-27
[30] US (15/194,298) 2016-06-27

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[54] **CORRUGATED CONTAINER WITH BULGE CONTROL**
[54] **CONTENANT ONDULE A CONTROLE DE BOMBAGE**
[72] JACKSON, KEITH A., US
[72] PHILIPS, NICHOLAS A., US
[72] FRANK, BENJAMIN, US
[73] PACKAGING CORPORATION OF AMERICA,
[86] (2972100)
[87] (2972100)
[22] 2017-06-28
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[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR MANAGING WASTEWATER TREATMENT INSTALLATION**
[54] **SYSTEME, METHODE ET APPAREIL POUR LA GESTION D'INSTALLATION DE TRAITEMENT DES EAUX USEES**
[72] GRAVES, GREGORY D., US
[73] SERVICE PRO MONITORING, LLC,
[86] (2972144)
[87] (2972144)
[22] 2006-12-14
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[51] **Int.Cl. C07D 417/14 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD OF THIAZOLE DERIVATIVE**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE THIAZOLE**
[72] SUGITA, TAKAMASA, JP
[72] YANAGISAWA, ARATA, JP
[72] CHUJO, IWAO, JP
[72] TAGA, MASASHI, JP
[72] MIMURA, AKIHIRO, JP
[72] TADA, ATSUSHI, JP
[72] AOKI, MASASHI, JP
[73] KYOWA KIRIN CO., LTD.,
[85] 2017-06-29
[86] 2016-01-08 (PCT/JP2016/051197)
[87] (WO2016/111381)
[30] JP (2015-002964) 2015-01-09

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **TRANSMITTING APPARATUS AND SIGNAL PROCESSING METHOD THEREOF**
[54] **APPAREIL EMETTEUR ET PROCEDE DE TRAITEMENT DE SIGNAL CORRESPONDANT**
[72] HWANG, SUNG-HEE, KR
[72] YANG, HYUN-KOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[85] 2017-06-30
[86] 2016-01-11 (PCT/KR2016/000252)
[87] (WO2016/111607)
[30] US (62/101,497) 2015-01-09
[30] KR (10-2015-0162420) 2015-11-19

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[25] EN
[54] **AUTOMATED DISPENSER AND METHOD FOR DISPENSING**
[54] **DISTRIBUTEUR AUTOMATIQUE ET PROCEDE DE DISTRIBUTION**
[72] MURRAY, JAMES BRUCE, CA
[72] SALAZAR, CARLOS EDUARDO, CA
[72] GIUNTA, FRANCIS JAMES, US
[72] HANNA, KENNETH SCOTT, US
[73] TASTETRO INC.,
[86] (2973161)
[87] (2973161)
[22] 2013-08-29
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[51] **Int.Cl. B23K 9/095 (2006.01)**
[25] EN
[54] **SYNCHRONIZED IMAGE CAPTURE FOR WELDING MACHINE VISION**
[54] **CAPTURE D'IMAGE SYNCHRONISEE POUR UNE VISION DE MACHINE A SOUDER**
[72] PESME, FRANCOIS, US
[72] HSU, CHRISTOPHER, US
[72] WATSON, WILLIAM TODD, US
[73] ILLINOIS TOOL WORKS INC.,
[85] 2017-07-06
[86] 2016-01-05 (PCT/US2016/012164)
[87] (WO2016/111999)
[30] US (62/100,531) 2015-01-07
[30] US (14/978,200) 2015-12-22

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[13] C
[51] **Int.Cl. A24F 40/46 (2020.01) A24F 40/40 (2020.01)**
[25] EN
[54] **APPARATUS FOR HEATING AEROSOL GENERATING MATERIAL**
[54] **APPAREIL PERMETTANT DE CHAUFFER UNE MATIERE GENERATRICE D'AEROSOL**
[72] JOHN, EDWARD, GB
[72] AOUN, WALID, GB
[72] ALLBUTT, BRYAN, GB
[72] SEAWARD, DAVID ROBERT, GB
[72] PHASEY, DAVID, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED,
[85] 2017-07-07
[86] 2016-01-27 (PCT/EP2016/051727)
[87] (WO2016/120344)
[30] GB (1501429.3) 2015-01-28

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[25] EN
[54] **AGGREGATE DELIVERY UNIT**
[54] **DISTRIBUTEUR D'AGREGATS**
[72] KRENEK, DAVID, US
[72] ENGLAND, KEVIN W., US
[73] SCHLUMBERGER CANADA LIMITED,
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[87] (2973997)
[22] 2008-09-19
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[30] US (60/974268) 2007-09-21
[30] US (12/212698) 2008-09-18

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[51] **Int.Cl. B41N 10/00 (2006.01) G03G 7/00 (2006.01)**
[25] EN
[54] **FLUOROSILICONE COMPOSITE AND FORMULATION PROCESS FOR IMAGING PLATE**
[54] **COMPOSITE DE FLUOROSILICONE ET PROCEDE DE FORMULATION D'UNE PLAQUE D'IMAGERIE**
[72] BADESHA, SANTOKH S., US
[72] KANUNGO, MANDAKINI, US
[72] TAFT, KEVIN H., US
[72] QI, YU, US
[72] LIN, CHENYU, US
[73] XEROX CORPORATION,
[86] (2974258)
[87] (2974258)
[22] 2017-07-19
[30] US (15/222364) 2016-07-28

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[13] C
[51] **Int.Cl. B60R 9/00 (2006.01) B62D 33/02 (2006.01)**
[25] EN
[54] **QUICK-MOUNTING ACCESSORY FOR A TRUCK**
[54] **ACCESSOIRE DE FIXATION RAPIDE POUR CAMION**
[72] MOORMAN, SCOTT, US
[73] BUYER'S PRODUCTS COMPANY,
[86] (2974418)
[87] (2974418)
[22] 2015-02-10
[62] 2,882,017
[30] US (61/938,076) 2014-02-10

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[13] C
[51] **Int.Cl. E21B 19/15 (2006.01)**
[25] EN
[54] **TUBULAR PIN CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE BROCHE TUBULAIRE**
[72] ARBELAEZ, JUAN, US
[72] MEUTH, JOSHUA BRANDON, US
[72] BRYANT, AARON, US
[73] FORUM US, INC.,
[85] 2017-07-20
[86] 2016-02-23 (PCT/US2016/019151)
[87] (WO2016/138007)
[30] US (62/126,318) 2015-02-27

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[13] C
[51] **Int.Cl. B08B 3/02 (2006.01)**
[25] EN
[54] **PRESSURE WASHER SYSTEM**
[54] **SYSTEME DE LAVEUSE SOUS PRESSION**
[72] ALEXANDER, GUS, US
[72] KOLICHESKI, PAULO ROGERIO FUNK, US
[72] HANSEN, MICHAEL C., US
[72] PENUELAZ, JAVIER, US
[73] FNA GROUP, INC.,
[86] (2974606)
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[54] **TOUCHLESS ADVANCED IMAGE PROCESSING AND VISUALIZATION**
[54] **TRAITEMENT ET VISUALISATION D'IMAGE AVANCES SANS CONTACT**
[72] ZHAO, TIECHENG, US
[72] ITO, KEIJI, US
[72] MOFFITT, RYAN, US
[73] TERARECON, INC.,
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[30] US (62/108,658) 2015-01-28
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[25] EN
[54] **COMPOSITE CONTAINING CARBON NANOSTRUCTURE, HIGH MOLECULAR MATERIAL USING SAME AND PREPARATION METHOD**
[54] **COMPOSITE CONTENANT UNE NANOSTRUCTURE DE CARBONE, MATERIAU A HAUT POIDS MOLECULAIRE UTILISANT LE COMPOSITE ET PROCEDE DE PREPARATION ASSOCIE**
[72] TANG, YILIN, CN
[72] ZHANG, JINZHU, CN
[72] ZHENG, YINGFU, CN
[72] LIU, XIAOMIN, CN
[72] LIU, DING, CN
[73] JINAN SHENGQUAN GROUP SHARE HOLDING CO., LTD.,
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[54] **FLUIDIC METHODS AND DEVICES**
[54] **PROCEDES ET DISPOSITIFS FLUIDIQUES**
[72] MURISON, BRUCE, CA
[73] OBOTICS INC.,
[86] (2975661)
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[54] **CATALYST SUPPORT GRID**
[54] **GRILLE DE SUPPORT DE CATALYSEUR**
[72] WILLIAMS, LAWRENCE L., US
[72] CASTILLO, GREGORIO, US
[73] WOVEN METAL PRODUCTS, INC.,
[85] 2017-08-14
[86] 2016-02-17 (PCT/US2016/018211)
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[25] EN
[54] **COLLECTIVE UNMANNED AERIAL VEHICLE CONFIGURATIONS**
[54] **CONFIGURATIONS DE VEHICULE AERIEN SANS PILOTE COLLECTIF**
[72] PACZAN, NATHAN MICHAEL, US
[72] ELZINGA, MICHAEL JOHN, US
[72] HSIEH, RAPHAEL, US
[72] NGUYEN, LUAN KHAI, US
[73] AMAZON TECHNOLOGIES, INC.,
[85] 2017-08-15
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[54] **EXTRACTION PROCESS USING SUPERCRITICAL CARBON DIOXIDE**
[54] **PROCEDE D'EXTRACTION EMPLOYANT DU DIOXYDE DE CARBONE SUPERCRITIQUE**
[72] DURWARD, JAMES, CA
[73] MEDXTRACTOR CORP.,
[86] (2977305)
[87] (2977305)
[22] 2017-08-25
[30] US (15/686,002) 2017-08-24

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[54] **SHAKER CONTROL AND OPTIMIZATION**
[54] **REGLAGE ET OPTIMISATION DE SECOUEUR**
[72] TEODORESCU, GABRIEL, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2017-08-28
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[54] **DESULFURIZATION AND DENITRATION AGENT**
[54] **AGENT DE DESULFURATION ET DE DENITRATION**
[72] WEI, XIONGHUI, CN
[73] YONGFENG BOYUAN INDUSTRY CO. LTD., JIANGXI PROVINCE,
[85] 2017-08-30
[86] 2016-03-09 (PCT/CN2016/075922)
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[54] **METERING SYSTEM FOR FLUID DELIVERY**
[54] **SYSTEME ET PROCEDES POUR MESURER UNE ADMINISTRATION D'AEROSOL**
[72] ALTOBELLI, DAVID E., US
[72] BEAVIS, RUSSELL, US
[72] GRAY, LARRY B., US
[72] HOWLETT, DAVID J., GB
[72] KANE, DEREK G., US
[72] LANIGAN, RICHARD J., US
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[54] **NUCLEOTIDES AND NUCLEOSIDES AND METHODS FOR THEIR USE IN DNA SEQUENCING**
[54] **NUCLEOTIDES ET NUCLEOSIDES ET PROCEDES POUR LEUR UTILISATION DANS LE SEQUENCAGE DE L'ADN**
[72] LITOSH, VLADISLAV A., US
[72] HERSH, MEGAN N., US
[72] STUPI, BRIAN P., US
[72] WU, WEIDONG, US
[72] METZKER, MICHAEL L., US
[73] AGILENT TECHNOLOGIES, INC.,
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[54] **CONCEPT FOR CODING MODE SWITCHING COMPENSATION**
[54] **CONCEPT DE COMPENSATION DE COMMUTATION DE MODE DE CODAGE**
[72] DIETZ, MARTIN, DE
[72] FOTOPOULOU, ELENI, DE
[72] LECOMTE, JEREMIE, DE
[72] MULTRUS, MARKUS, DE
[72] SCHUBERT, BENJAMIN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
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[54] **SECURITY DEVICE FOR TRAILER HITCH**
[54] **DISPOSITIF DE SECURITE DESTINE A UN ATTELAGE DE REMORQUE**
[72] PARE, ANDRE, CA
[73] PARE, ANDRE,
[86] (2979261)
[87] (2979261)
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[54] **EXPANSION ANCHOR**
[54] **ELEMENT D'ANCRAGE A EXPANSION**
[72] GSTACH, PETER, LI
[72] WINKLER, BERNHARD, AT
[72] SCHOLZ, PATRICK, CH
[72] SPAMPATTI, MATTEO, CH
[72] SPROEWITZ, MICHAEL, CH
[73] HILTI AKTIENGESELLSCHAFT,
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[25] EN
[54] **PARTICLE DETECTOR**
[54] **DETECTEUR DE PARTICULES**
[72] KNOX, RON, AU
[72] BOETTGER, KARL, AU
[72] MEIKLE, PETER, AU
[72] ALEXANDER, BRIAN, AU
[73] GARRETT THERMAL SYSTEMS LIMITED,
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[54] **AXLE-COUNTING METHOD AND AXLE-COUNTING DEVICE**
[54] **PROCEDE DE COMPTAGE D'ESSIEUX ET DISPOSITIF DE COMPTAGE D'ESSIEUX**
[72] OLDEWURTEL, KASSEN, DE
[72] KLEMM, RAINER, DE
[72] MULLER, MATHIAS, DE
[73] THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH,
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[54] **CAP FOR CONTAINER**
[54] **CAPUCHON POUR RECIPIENT**
[72] MAGUIRE, MICHAEL, US
[73] MAGUIRE, MICHAEL,
[85] 2017-09-21
[86] 2016-03-25 (PCT/US2016/024286)
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[25] EN
[54] **ULTRAHIGH TEMPERATURE ELASTIC METAL COMPOSITES**
[54] **COMPOSITES METALLIQUE ELASTIQUE POUR TEMPERATURE TRES ELEVEE**
[72] XU, ZHIYUE, US
[72] YU, CHENGJIAO, US
[72] ZHAO, LEI, US
[72] WANG, KE, US
[73] BAKER HUGHES, A GE COMPANY, LLC,
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[51] **Int.Cl. C11D 3/39 (2006.01) C11D 3/16 (2006.01) C11D 3/20 (2006.01)**
[25] EN
[54] **ENHANCED PEROXYGEN STABILITY USING ANIONIC SURFACTANT IN TAED-CONTAINING PEROXYGEN SOLID**
[54] **AMELIORATION DE LA STABILITE DU PEROXYGENE A L'AIDE D'UN SURFACTANT ANIONIQUE DANS DES COMPOSES PEROXYGENES SOLIDES CONTENANT DU TAED**
[72] DOTZAUER, DAVID, US
[72] MOHS, THOMAS R., US
[72] KUTZ, KRISTA, US
[72] HAMMEL, DEVON BEAU, US
[73] ECOLAB USA INC.,
[85] 2017-09-28
[86] 2016-04-01 (PCT/US2016/025501)
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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/31 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **SAFETY DEVICE FOR A SYRINGE**
[54] **DISPOSITIF DE SECURITE POUR UNE SERINGUE**
[72] FRAAS, ANDREAS, DE
[72] VOGL, MAXIMILIAN, DE
[73] GERRESHEIMER REGENSBURG GMBH,
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[25] EN
[54] **A CHIMERIC BACTERIOPHAGE LYSIN WITH ACTIVITY AGAINST STAPHYLOCOCCI BACTERIA**
[54] **LYSINE CHIMERIQUE DE BACTERIOPHAGE PRESENTANT UNE ACTIVITE CONTRE LES BACTERIES STAPHYLOCOQUES**
[72] FISCHETTI, VINCENT A., US
[72] DANIEL, ANU, US
[72] EULER, CHAD, US
[73] THE ROCKEFELLER UNIVERSITY,
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 5/103 (2006.01)**
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[54] **SYSTEM AND METHOD FOR MEDICAL MONITORING AND TREATMENT THROUGH COSMETIC MONITORING AND TREATMENT**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ET DE TRAITEMENT MEDICAL PAR SURVEILLANCE ET TRAITEMENT COSMETIQUE**
[72] EDGAR, ALBERT D., US
[72] IGLEHART, DAVID C., US
[72] YEAGER, RICK B., US
[73] TCMS TRANSPARENT BEAUTY LLC,
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[54] **PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS**
[54] **CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE**
[72] MAESHIMA, HIDEKI, JP
[72] TANABE, MASATO, JP
[72] NOMURA, KEISUKE, JP
[72] SHIMIZU, HIROKI, JP
[73] CANON KABUSHIKI KAISHA,
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[54] **WATER-BASED ZINC-RICH PRE-CONSTRUCTION PRIMER**
[54] **APPRET AQUEUX DE PRE-CONSTRUCTION RICHE EN ZINC**
[72] ZHAO, WENDY, US
[72] RIOS, JUSTIN M., US
[72] CARNY, GEORGE P., US
[73] SWIMC LLC,
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[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/195 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **6-(BENZO[D][1,3]DIOXOL-5-YL)-2-SUBSTITUTED-2,3,12,12A-TETRAHYDROPYRAZINO[1',2':1,6]PYRIDO[3,4-B]INDOLE-1,4(6H,7H)-DIONE DERIVATIVES AS PHOSPHODIESTERASE TYPE-5 INHIBITORS**
[54] **DERIVES DE 6-(BENZO[D][1,3]DIOXOL-5-YL)-2-SUBSTITUE-2,3,12,12A-TETRAHYDROPYRAZINO [1',2':1,6]PYRIDO[3,4-B]INDOLE-1,4(6H,7H)-DIONE COMME INHIBITEURS DE PHOSPHODIESTERASE DE TYPE 5**
[72] CHEN, ZHONGZHU, CN
[72] XU, ZHIGANG, CN
[72] TANG, DIANYONG, CN
[73] CHONGQING DIKANG ERLE PHARMA CO. LTD.,
[85] 2017-11-24
[86] 2015-06-26 (PCT/CN2015/082507)
[87] (WO2016/206097)

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[13] C
[51] **Int.Cl. E21B 47/18 (2012.01) E21B 44/00 (2006.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATOR FOR A TELEMETRY TOOL**
[54] **GENERATEUR D'IMPULSION DE PRESSION DE FLUIDE DESTINE A UN OUTIL DE TELEMETRIE**
[72] STACK, LUKE, CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] LEE, GAVIN GAW-WAE, CA
[73] EVOLUTION ENGINEERING INC.,
[86] (2987642)
[87] (2987642)
[22] 2017-12-04
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[13] C
[51] **Int.Cl. A61M 1/36 (2006.01) A61M 1/02 (2006.01) A61M 1/38 (2006.01)**
[25] EN
[54] **DEVICES, METHODS, AND SYSTEMS FOR PRIMING, SEPARATING, AND COLLECTING BLOOD COMPONENTS**
[54] **DISPOSITIFS, PROCEDES ET SYSTEMES D'AMORCAGE, DE SEPARATION ET DE COLLECTE DE COMPOSANTS SANGUINS**
[72] BRIGGS, DENNIS, US
[72] DO, SIMON, US
[72] RABENO, ERIC, US
[72] SANGARE, ABDOULAYE, US
[72] VANDLIK, MARK, US
[72] FLUCK, VICKI, US
[72] TUREK, CHRISTOPHER, US
[73] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED,
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[87] (WO2016/205511)
[30] US (62/182,123) 2015-06-19
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[51] **Int.Cl. B03D 1/08 (2006.01) B03D 1/10 (2006.01) B09B 1/00 (2006.01)**
[25] EN
[54] **REDUCING THE NEED FOR TAILINGS STORAGE DAMS IN MINERAL FLOTATION**
[54] **REDUCTION DU BESOIN DE BARRAGES DE STOCKAGE DE RESIDUS DANS LA FLOTTATION MINERALE**
[72] FILMER, ANTHONY OWEN, AU
[72] ALEXANDER, DANIEL JOHN, GB
[73] ANGLO AMERICAN SERVICES (UK) LTD,
[85] 2017-12-08
[86] 2016-10-21 (PCT/IB2016/056324)
[87] (WO2017/195008)
[30] US (62/334,557) 2016-05-11

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[25] EN
[54] **CATHETER ASSEMBLY**
[54] **ENSEMBLE CATHETER**
[72] WOEHR, KEVIN, DE
[73] B. BRAUN MELSUNGEN AG,
[86] (2989177)
[87] (2989177)
[22] 2014-08-18
[62] 2,899,744
[30] GB (1314953.9) 2013-08-21
[30] GB (1315401.8) 2013-08-29
[30] CN (201310527778.3) 2013-10-31
[30] CN (201320679130.3) 2013-10-31

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[13] C
[51] **Int.Cl. C03C 13/00 (2006.01) C03C 3/095 (2006.01) C03C 13/02 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREFROM**
[54] **COMPOSITION DE FIBRE DE VERRE A HAUT RENDEMENT, FIBRE DE VERRE ET MATERIAU COMPOSITE ISSU DE LADITE COMPOSITION**
[72] ZHANG, LIN, CN
[72] CAO, GUORONG, CN
[72] ZHANG, YUQIANG, CN
[72] XING, WENZHONG, CN
[72] GU, GUIJIANG, CN
[73] JUSHI GROUP CO., LTD.,
[85] 2017-12-12
[86] 2016-03-21 (PCT/CN2016/076884)
[87] (WO2016/165530)
[30] CN (201610147905.0) 2016-03-15

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[51] **Int.Cl. G21G 1/00 (2006.01) A61M 36/06 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **INFUSION SYSTEMS INCLUDING COMPUTER-FACILITATED MAINTENANCE AND/OR OPERATION AND METHODS OF USE**
[54] **SYSTEMES D'INFUSION OFFRANT L'ENTRETIEN ET/OU L'OPERATION ET/OU L'OPERATION ET LES METHODES D'UTILISATION**
[72] ZODDA, JULIUS P., US
[72] HUNTER, KATHRYN M., US
[72] SWENSON, ROLF E., US
[72] FONTAINE, AARON M., US
[72] HIDEM, STEPHEN E., US
[72] MCDONALD, PATRICK M., US
[72] GELBACH, JANET L., US
[73] BRACCO DIAGNOSTICS INC.,
[86] (2989597)
[87] (2989597)
[22] 2009-06-11
[62] 2,724,645
[30] US (12/137,364) 2008-06-11
[30] US (12/137,377) 2008-06-11
[30] US (12/137,363) 2008-06-11
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[13] C
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[25] EN
[54] **HIGH-FREQUENCY LINE**
[54] **LIGNE HAUTE FREQUENCE**
[72] KIKUCHI, NOBUHIRO, JP
[72] YAMADA, EIICHI, JP
[72] OGISO, YOSHIHIRO, JP
[72] OZAKI, JOSUKE, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION,
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[30] JP (2015-126863) 2015-06-24

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[25] EN
[54] **DRAPE-OVER ARTICLE WITH ELECTRICAL OUTLETS**
[54] **ARTICLE DRAPE DOTE DE PRISES ELECTRIQUES**
[72] BYRNE, NORMAN R., US
[72] STATHIS, PETER, US
[73] BYRNE, NORMAN R.,
[73] STATHIS, PETER,
[86] (2990540)
[87] (2990540)
[22] 2017-12-29
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[25] EN
[54] **SYSTEM AND METHOD TO REDUCE FLUID PRODUCTION FROM A WELL**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LA PRODUCTION DE FLUIDES DANS UN PUITS**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[72] SOLIMAN, MOHAMED Y., US
[73] LANDMARK GRAPHICS CORPORATION,
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[25] EN
[54] **PORTABLE TOWER WITH ELECTRICAL OUTLETS**
[54] **TOUR PORTATIVE DOTEE DE PRISES ELECTRIQUES**
[72] BYRNE, NORMAN R., US
[72] WARD, JOSEPH D., US
[72] MITCHELL, MARC A., US
[73] BYRNE, NORMAN R.,
[86] (2990913)
[87] (2990913)
[22] 2018-01-04
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[51] **Int.Cl. C12Q 1/6883 (2018.01) C12Q 1/6827 (2018.01) C12Q 1/6876 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SINGLE NUCLEOTIDE POLYMORPHISMS ASSOCIATED WITH CARDIOVASCULAR DISORDERS AND STATIN RESPONSE, METHODS OF DETECTION AND USES THEREOF**
[54] **POLYMORPHISMES NUCLEOTIDES SIMPLES ASSOCIES A DES TROUBLES CARDIOVASCULAIRES ET A UNE REPONSE AU MEDICAMENT, LEURS PROCEDES DE DETECTION ET D'UTILISATION**
[72] CARGILL, MICHELE, US
[72] IAKOUBOVA, OLGA, US
[72] DEVLIN, JAMES J., US
[72] TSHUCHIHASHI, ZENTA, US
[72] SHAW, PETER, US
[72] PLOUGHMAN, LYNN MARIE, US
[72] ZERBA, KIM E., US
[72] KOUSTUBH, RANADE, US
[72] KIRCHGESSNER, TODD, US
[73] CELERA CORPORATION,
[73] BRISTOL-MYERS SQUIBB COMPANY,
[86] (2991249)
[87] (2991249)
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[62] 2,921,196
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[54] **CONNECTION CONFIGURATION**
[54] **CONFIGURATION DE CONNEXION**
[72] SAILY, MIKKO, FI
[72] HAILU, SOFONIAS, FI
[73] NOKIA SOLUTIONS AND NETWORKS OY,
[85] 2018-01-04
[86] 2015-07-07 (PCT/EP2015/065424)
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[25] EN
[54] **LUBRICANTS WITH CALCIUM-CONTAINING DETERGENT AND THEIR USE FOR IMPROVING LOW SPEED PRE-IGNITION**
[54] **LUBRIFIANTS A BASE D'UN DETERGENT CONTENANT DU CALCIUM ET LEUR UTILISATION POUR AMELIORER UN PRE-ALLUMAGE A BASSE VITESSE**
[72] FLETCHER, KRISTIN, US
[72] LAM, WILLIAM Y., US
[72] YANG, KONGSHENG, US
[72] STYER, JEREMY, US
[73] AFTON CHEMICAL CORPORATION,
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[86] 2016-07-14 (PCT/US2016/042220)
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[30] US (62/193,297) 2015-07-16
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[51] **Int.Cl. A61G 5/10 (2006.01) A47C 31/12 (2006.01) A61G 5/00 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR SHAPE CAPTURE AND WHEEL CHAIR SEAT CREATION**
[54] **TECHNIQUES DE CAPTURE DE FORME ET CREATION DE SIEGE DE FAUTEUIL ROULANT**
[72] HETZEL, THOMAS R., US
[72] BIEGANEK, JOSEPH S., US
[72] MIDDEL, JOSHUA A., US
[72] MAURUS, STEVE, US
[72] GILLMAN, EDWARD J., US
[73] ASPEN SEATING, LLC,
[86] (2992200)
[87] (2992200)
[22] 2018-01-18
[30] US (62/447,736) 2017-01-18

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[51] **Int.Cl. H04R 27/00 (2006.01)**
[25] EN
[54] **SYNCHRONISING AN AUDIO SIGNAL**
[54] **SYNCHRONISATION D'UN SIGNAL AUDIO**
[72] TULL, GRAHAM, GB
[73] POWERCHORD GROUP LIMITED,
[85] 2018-01-15
[86] 2016-07-14 (PCT/GB2016/052136)
[87] (WO2017/009653)
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[25] EN
[54] **METAL-TO-METAL SEALED POWER CONNECTION FOR SUBMERSIBLE PUMP MOTOR**
[54] **RACCORD D'ALIMENTATION SCELLE METAL-METAL DESTINE A UN MOTEUR DE POMPE SUBMERSIBLE**
[72] KNAPP, JOHN M., US
[72] BELLMYER, MARK L., US
[72] CLINGMAN, JAMES CHRISTOPHER, US
[73] BAKER HUGHES, A GE COMPANY, LLC,
[86] (2992550)
[87] (2992550)
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[51] **Int.Cl. E06C 1/14 (2006.01) E06C 1/24 (2006.01) E06C 1/28 (2006.01) E06C 1/38 (2006.01) E06C 1/39 (2006.01)**
[25] EN
[54] **LADDERS, LADDER COMPONENTS AND RELATED METHODS**
[54] **ECHELLES, COMPOSANTS D'ECHELLE ET PROCEDES CONNEXES**
[72] MOSS, N. RYAN, US
[72] CRAWFORD, RYAN, US
[72] EMMEL, KEITH, US
[73] WING ENTERPRISES, INC.,
[86] (2992901)
[87] (2992901)
[22] 2009-03-06
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[51] **Int.Cl. H03H 21/00 (2006.01)**
[25] EN
[54] **PARTITIONED BLOCK FREQUENCY DOMAIN ADAPTIVE FILTER DEVICE COMPRISING ADAPTATION MODULES AND CORRECTION MODULES**
[54] **DISPOSITIF A FILTRE ADAPTATIF A DOMAINE FREQUENTIEL A BLOCS CLOISONNES COMPRENANT DES MODULES D'ADAPTATION ET DES MODULES DE CORRECTION**
[72] LUIS VALERO, MARIA, DE
[72] HABETS, EMANUEL, DE
[72] MABANDE, EDWIN, DE
[72] LOMBARD, ANTHONY, DE
[72] MAHNE, DIRK, DE
[72] BIRZER, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
[85] 2018-01-18
[86] 2016-07-25 (PCT/EP2016/067653)
[87] (WO2017/017056)
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[25] EN
[54] **SPOT WELDING CAP CHANGER**
[54] **CHANGEUR DE CAPSULES DE SOUDAGE PAR POINT**
[72] KAESELER, WERNER, DE
[73] COPPERHEAD INDUSTRIAL INC.,
[86] (2993056)
[87] (2993056)
[22] 2006-07-19
[62] 2,978,755
[30] DE (102005035915.9) 2005-07-28

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[51] **Int.Cl. B65D 79/00 (2006.01) B65D 85/04 (2006.01)**
[25] EN
[54] **DEVICE FOR STORING, TRANSPORTING AND/OR HANDLING A LIQUID AND METHOD OF HANDLING A STERILE OR ASEPTIC LIQUID**
[54] **DISPOSITIF POUR STOCKER, TRANSPORTER ET/OU MANIPULER UN LIQUIDE ET PROCEDE DE MANIPULATION D'UN LIQUIDE STERILE OU ASEPTIQUE**
[72] PROULX, STEPHEN, US
[72] DECOSTE, DAVID, US
[73] EMD MILLIPORE CORPORATION,
[85] 2018-01-19
[86] 2016-08-15 (PCT/US2016/046980)
[87] (WO2017/069839)
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[13] C
[51] **Int.Cl. H04M 3/523 (2006.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **CALL MAPPING SYSTEMS AND METHODS USING VARIANCE ALGORITHM (VA) AND/OR DISTRIBUTION COMPENSATION**
[54] **SYSTEMES ET PROCEDES DE MAPPAGE D'APPELS UTILISANT UN ALGORITHME DE VARIANCE (VA) ET / OU UNE COMPENSATION DE DISTRIBUTION**
[72] CHISHTI, ZIA, US
[72] KAN, ITTAI, US
[73] AFINITI INTERNATIONAL HOLDINGS, LTD.,
[86] (2993375)
[87] (2993375)
[22] 2013-03-21
[62] 2,868,802
[30] US (61/615,772) 2012-03-26
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[25] EN
[54] **SELECTIVE PROTON COUPLED FOLATE TRANSPORTER AND FOLATE RECEPTOR, AND GARFTASE INHIBITOR COMPOUNDS AND METHODS OF USING THE SAME**
[54] **RECEPTEUR DU FOLATE ET TRANSPORTEUR DU FOLATE SELECTIFS COUPLES AUX PROTONS, ET COMPOSES INHIBITEURS DE LA GARFTASE ET METHODES D'UTILISATION ASSOCIEES**
[72] GANGJEE, ALEEM, US
[72] MATHERLY, LARRY H., US
[73] WAYNE STATE UNIVERSITY,
[73] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT,
[86] (2993404)
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[25] EN
[54] **METHODS FOR PRODUCING ALKYLBENZENES, PARAFFINS, OLEFINS AND OXO ALCOHOLS FROM WASTE PLASTIC FEEDSTOCKS**
[54] **PROCEDES DE PRODUCTION D'ALKYLBENZENES, DE PARAFFINES, D'OLEFINES ET D'ALCOOLS OXO A PARTIR DE DECHETS PLASTIQUES UTILISES COMME PRODUIT DE DEPART**
[72] SCHEIBEL, JEFFREY JOHN, US
[72] VINSON, PHILLIP KYLE, US
[72] CRON, SCOTT LEROY, US
[72] WILLIAMS, THOMAS EARL, US
[73] THE PROCTER & GAMBLE COMPANY,
[85] 2018-01-23
[86] 2016-08-03 (PCT/US2016/045219)
[87] (WO2017/027271)
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[51] **Int.Cl. H04W 68/00 (2009.01) H04W 4/12 (2009.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **PREVIEWING A NEW EVENT ON A SMALL SCREEN DEVICE**
[54] **PREVISUALISATION D'UN NOUVEL EVENEMENT SUR UN PETIT DISPOSITIF A ECRAN**
[72] KLASSEN, GERHARD D., CA
[72] DUNK, CRAIG A., CA
[72] WORMALD, CHRISTOPHER R., CA
[73] BLACKBERRY LIMITED,
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[54] **OPTICAL MODULE**
[54] **MODULE OPTIQUE**
[72] KIKUCHI, KIYOFUMI, JP
[72] FUKUDA, HIROSHI, JP
[72] SAIDA, TAKASHI, JP
[72] KAMEI, SHIN, JP
[72] TSUZUKI, KEN, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION,
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[86] 2016-07-27 (PCT/JP2016/003487)
[87] (WO2017/017955)
[30] JP (2015-148945) 2015-07-28

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[51] **Int.Cl. G02F 1/025 (2006.01) G02F 1/225 (2006.01)**
[25] EN
[54] **OPTICAL MODULATOR**
[54] **MODULATEUR OPTIQUE**
[72] TSUZUKI, KEN, JP
[72] SAIDA, TAKASHI, JP
[72] TAKEDA, KOUTARO, JP
[72] HONDA, KENTARO, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION,
[85] 2018-02-01
[86] 2016-08-03 (PCT/JP2016/003589)
[87] (WO2017/022246)
[30] JP (2015-154371) 2015-08-04
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[13] C
[51] **Int.Cl. F02F 1/36 (2006.01) F02F 1/40 (2006.01) F02F 1/42 (2006.01)**
[25] EN
[54] **CYLINDER HEAD**
[54] **CULASSE**
[72] YANASE, YOSHINORI, JP
[72] ASAHINA, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA,
[86] (2995007)
[87] (2995007)
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[25] EN
[54] **IMPROVED YIELD AND STRESS TOLERANCE IN TRANSGENIC PLANTS WITH OVEREXPRESSING POLYPEPTIDES COMPRISING A B-BOX ZINC-FINGER DOMAIN**
[54] **RENDEMENT ET TOLERANCE AU STRESS AMELIORES DANS LES PLANTS TRANSGENIQUES AU MOYEN DE POLYPEPTIDES EN SUREXPRESSION RENFERMANT UN DOMAINE A DOIGT DE ZINC A REGISTRE D'INDEX**
[72] CREELMAN, ROBERT, US
[72] GUTTERSON, NEAL I., US
[72] RATCLIFFE, OLIVER J., US
[72] REUBER, T. LYNNE, US
[72] CERNY, R. ERIC, US
[72] DUFF, KIMBERLEY FAYE ZOBRIST, US
[72] KJEMTRUP-LOVELACE, SUSANNE, US
[72] MEISTER, ROBERT, US
[72] PETRACEK, MARIE, US
[72] RUFF, THOMAS, US
[72] XU, QINGZHANG, US
[73] MENDEL BIOTECHNOLOGY, INC.,
[73] MONSANTO COMPANY,
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[22] 2007-06-22
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[51] **Int.Cl. G02B 6/10 (2006.01) G02B 6/36 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **FIBER OPTIC DROP CABLES AND PRECONNECTORIZED ASSEMBLIES HAVING TONING PORTIONS**
[54] **CABLES DE DERIVATION A FIBRES OPTIQUES ET SYSTEMES MUNIS AU PREALABLE DE CONNECTEURS COMPORTANT DES SECTIONS DE FREQUENCAGE**
[72] MELTON, STUART R., US
[72] TRAN, HIEU V., US
[72] THOMPSON, DAVID A., US
[72] WAGMAN, RICHARD S., US
[72] GIMBLET, MICHAEL J., US
[72] LIU, XIN, US
[73] CORNING CABLE SYSTEMS LLC,
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[87] (2996108)
[22] 2005-03-30
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[51] **Int.Cl. G01N 1/02 (2006.01) G01N 1/22 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **TOOLING FRIENDLY ADAPTER FOR INSERTION PROBE ACCESS**
[54] **ADAPTATEUR POUR L'ACCES A UNE SONDE D'INSERTION NECESSITANT PEU D'OUTILS**
[72] WOLFE, NICHOLAS S., US
[73] MUSTANG SAMPLING, LLC,
[85] 2018-02-20
[86] 2016-09-08 (PCT/US2016/050726)
[87] (WO2017/048578)
[30] US (62/218,663) 2015-09-15
[30] US (15/258,227) 2016-09-07

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[51] **Int.Cl. D01F 1/10 (2006.01) A47L 13/16 (2006.01)**
[25] EN
[54] **SCRIM SUBSTRATE MATERIAL WITH FUNCTIONAL DETECTABLE ADDITIVES FOR USE WITH NONWOVEN FABRIC AND COMPOSITE MATERIAL**
[54] **MATERIAU DE SUBSTRAT DE RENFORT TISSE COMPRENANT DES ADDITIFS DETECTABLES FONCTIONNELS ET DESTINE A ETRE UTILISE AVEC UN TISSU NON TISSE ET UN MATERIAU COMPOSITE**
[72] MERTINS, KAREN S., US
[72] MARTIN, ROBERT HARRISON, US
[73] ILLINOIS TOOL WORKS INC.,
[85] 2018-02-20
[86] 2016-09-15 (PCT/US2016/051836)
[87] (WO2017/048897)
[30] US (62/218,570) 2015-09-15
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[25] EN
[54] **SYNCHRONOUS RELUCTANCE MACHINE**
[54] **MACHINE SYNCHRONE A RELUCTANCE**
[72] ZEICHFUSSL, ROLAND, DE
[73] SIEMENS AKTIENGESELLSCHAFT,
[85] 2018-02-22
[86] 2016-07-28 (PCT/EP2016/068047)
[87] (WO2017/032543)
[30] EP (15182109.7) 2015-08-24

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[51] **Int.Cl. H04B 10/071 (2013.01)**
[25] EN
[54] **TIME DIVISION MULTIPLEXING (TDM) AND WAVELENGTH DIVISION MULTIPLEXING (WDM) FAST-SWEEP INTERROGATOR**
[54] **INTERROGATEUR A BALAYAGE RAPIDE A MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS ET MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] TAVERNER, DOMINO, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC,
[86] (2996354)
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[22] 2014-05-14
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[51] **Int.Cl. H05B 39/04 (2006.01) H02M 5/293 (2006.01) H02M 7/06 (2006.01) H02M 7/155 (2006.01)**
[25] EN
[54] **LOAD CONTROL DEVICE FOR HIGH-EFFICIENCY LOADS**
[54] **DISPOSITIF DE CONTROLE DE CHARGE POUR CHARGES A HAUTE EFFICACITE**
[72] MACADAM, RUSSELL L., US
[72] PARENT, JOSEPH T., US
[72] WEIGHTMAN, RUSSELL, US
[73] LUTRON TECHNOLOGY COMPANY LLC,
[85] 2018-02-23
[86] 2016-09-02 (PCT/US2016/050227)
[87] (WO2017/041011)
[30] US (62/214,616) 2015-09-04

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[51] **Int.Cl. B27B 31/06 (2006.01) G01B 11/245 (2006.01) G01B 21/20 (2006.01)**
[25] EN
[54] **LOG AND CANT OPTIMIZATION**
[54] **OPTIMISATION DE BILLE ET TASSEAU BISEAUTE**
[72] STRASKY, DOUGLAS G., CA
[72] LARSON, GERALD DAVID, CA
[72] MARINAKIS, DIMITRI, CA
[72] DOIEL, STEPHEN, US
[72] ARNOLD, ROBERT, US
[72] MUNION, RYAN, US
[73] USNR, LLC,
[86] (2996796)
[87] (2996796)
[22] 2018-02-27
[30] US (62/464,339) 2017-02-27

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[51] **Int.Cl. H04L 12/721 (2013.01) H04L 12/753 (2013.01) H04W 40/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **DETERMINING NETWORK RANK FOR COMMUNICATION TO NEIGHBORING NODES**
[54] **DETERMINATION DE RANG DE RESEAU POUR UNE COMMUNICATION VERS DES N□UDS VOISINS**
[72] HOLCOMBE, MICHAEL SEAN, US
[72] CALVERT, CHRISTOPHER SEAN, US
[73] LANDIS+GYR INNOVATIONS, INC.,
[85] 2018-03-05
[86] 2016-09-19 (PCT/US2016/052444)
[87] (WO2017/058547)
[30] US (62/236,406) 2015-10-02

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[51] **Int.Cl. C10G 31/06 (2006.01) C10G 7/00 (2006.01)**
[25] EN
[54] **OIL CONDITIONING UNIT AND PROCESS**
[54] **UNITE ET PROCESSUS DE CONDITIONNEMENT DE PETROLE**
[72] MEHRA, YUV R., US
[72] DAVID, STEPHEN R., US
[73] HELLERVIK OILFIELD TECHNOLOGIES LLC,
[85] 2018-03-02
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[54] **ARTICULATION BIAXIALE DONT LE PIVOTEMENT PEUT ETRE LIMITE**
[72] GORNERT, FLORIAN, DE
[72] HEBENSTREIT, SANDRO, DE
[73] BAUERFEIND AG,
[85] 2018-03-08
[86] 2016-08-15 (PCT/EP2016/069321)
[87] (WO2017/041993)
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[54] **SYSTEM AND METHOD FOR ASSIGNING PATIENT-SPECIFIC BINS**
[54] **SYSTEME ET METHODE D'ATTRIBUTION DE BACS PROPRES AUX PATIENTS**
[72] VAHLBERG, JOHN, US
[72] CARTRIGHT, JENNIFER, US
[72] CALDWELL, RICHARD, US
[72] BLANK, JEFF, US
[72] COHEN, DAN, US
[73] OMNICELL, INC.,
[86] (2998429)
[87] (2998429)
[22] 2008-06-18
[62] 2,944,516
[30] US (60/944,995) 2007-06-19
[30] US (60/991,547) 2007-11-30
[30] US (12/140,964) 2008-06-17
[30] US (12/140,966) 2008-06-17
[30] US (12/140,969) 2008-06-17
[30] US (12/140,970) 2008-06-17
[30] US (12/140,971) 2008-06-17
[30] US (12/140,975) 2008-06-17
[30] US (12/140,983) 2008-06-17
[30] US (12/140,985) 2008-06-17
[30] US (12/140,979) 2008-06-17

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[51] **Int.Cl. G16H 20/13 (2018.01) G06Q 10/08 (2012.01) A61J 7/00 (2006.01)**
[25] EN
[54] **MANAGEMENT OF PATIENT ITEMS USING PATIENT-SPECIFIC BINS**
[54] **GESTION D'ARTICLES DE PATIENT AU MOYEN DE BACS PROPRES AU PATIENT**
[72] VAHLBERG, JOHN, US
[72] COHEN, DAN, US
[72] CARTRIGHT, JENNIFER, US
[72] CALDWELL, RICHARD, US
[72] BLANK, JEFF, US
[73] OMNICELL, INC.,
[86] (2998433)
[87] (2998433)
[22] 2008-06-18
[62] 2,944,516
[30] US (60/944,995) 2007-06-19
[30] US (60/991,547) 2007-11-30
[30] US (12/140,964) 2008-06-17
[30] US (12/140,966) 2008-06-17
[30] US (12/140,969) 2008-06-17
[30] US (12/140,970) 2008-06-17
[30] US (12/140,971) 2008-06-17
[30] US (12/140,975) 2008-06-17
[30] US (12/140,979) 2008-06-17
[30] US (12/140,983) 2008-06-17
[30] US (12/140,985) 2008-06-17

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[13] C
[51] **Int.Cl. G16H 20/13 (2018.01) G06Q 10/08 (2012.01) A61J 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DESIGNATING A PATIENT ITEM AS PATIENT MEDICATION IN A NETWORKED PLURALITY OF DISPENSING DEVICES**
[54] **SYSTEME ET PROCEDE DE DESIGNATION D'UN ARTICLE DE PATIENT EN TANT QUE MEDICAMENT DE PATIENT DANS UNE PLURALITE DE DISPOSITIFS DE DISTRIBUTION EN RESEAU**
[72] VAHLBERG, JOHN, US
[72] COHEN, DAN, US
[72] CARTRIGHT, JENNIFER, US
[72] CALDWELL, RICHARD, US
[72] BLANK, JEFF, US
[73] OMNICELL, INC.,
[86] (2998598)
[87] (2998598)
[22] 2008-06-18
[62] 2,944,516
[30] US (60/944,995) 2007-06-19
[30] US (60/991,547) 2007-11-30
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[30] US (12/140,970) 2008-06-17
[30] US (12/140,971) 2008-06-17
[30] US (12/140,975) 2008-06-17
[30] US (12/140,979) 2008-06-17
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[30] US (12/140,985) 2008-06-17
[30] US (12/140,969) 2008-06-17

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[51] **Int.Cl. G16H 20/13 (2018.01) G06Q 10/08 (2012.01) A61J 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STORAGE AND DISTRIBUTION OF MEDICATIONS AND OTHER MEDICAL SUPPLIES USING PATIENT-SPECIFIC STORAGE BINS**
[54] **SYSTEME ET PROCEDE DE STOCKAGE ET DE DISTRIBUTION DE MEDICAMENTS ET D'AUTRES FOURNITURES MEDICALES DANS LES BACS D'ENTREPOSAGE PROPRES AUX PATIENTS**
[72] VAHLBERG, JOHN, US
[72] COHEN, DAN, US
[72] CARTRIGHT, JENNIFER, US
[72] CALDWELL, RICHARD, US
[72] BLANK, JEFF, US
[73] OMNICELL, INC.,
[86] (2998601)
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[22] 2008-06-18
[62] 2,944,516
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[30] US (60/991,547) 2007-11-30
[30] US (12/140,964) 2008-06-17
[30] US (12/140,966) 2008-06-17
[30] US (12/140,969) 2008-06-17
[30] US (12/140,970) 2008-06-17
[30] US (12/140,971) 2008-06-17
[30] US (12/140,975) 2008-06-17
[30] US (12/140,979) 2008-06-17
[30] US (12/140,983) 2008-06-17
[30] US (12/140,985) 2008-06-17

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[25] EN
[54] **MEDICAL PLASTER**
[54] **PANSEMENT MEDICAL**
[72] STAVROU, PETROS, DE
[73] STAVROU, PETROS,
[73] POINTEK, ANDRE,
[85] 2018-03-15
[86] 2016-07-13 (PCT/DE2016/100314)
[87] (WO2017/045663)
[30] DE (20 2015 006 520.1) 2015-09-15
[30] DE (10 2015 118 780.9) 2015-11-03

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[51] **Int.Cl. C21D 9/00 (2006.01) C21D 1/62 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUPPORTING CASTINGS DURING THERMAL TREATEMENT**
[54] **SYSTEME POUR LE SUPPORT DE PIECES COULEES PENDANT LE TRAITEMENT THERMIQUE**
[72] CRAFTON, SCOTT P., US
[72] SUBRAMANIAM, SHANKER, US
[72] FAUTEUX, PAUL, US
[72] TURNER, ANDREW, US
[73] CONSOLIDATED ENGINEERING COMPANY, INC.,
[85] 2018-03-15
[86] 2016-09-19 (PCT/US2016/052408)
[87] (WO2017/053215)
[30] US (62/222,407) 2015-09-23

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[25] EN
[54] **VERIFICATION FOR PAYMENT TRANSACTIONS**
[54] **VERIFICATION DE TRANSACTIONS DE PAIEMENT**
[72] COLLINGE, MEHDI, BE
[72] SMETS, PATRIK, BE
[73] MASTERCARD INTERNATIONAL INCORPORATED,
[85] 2018-03-19
[86] 2016-09-15 (PCT/US2016/051880)
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[25] EN
[54] **DECODER AND METHOD FOR DECODING AN AUDIO SIGNAL, ENCODER AND METHOD FOR ENCODING AN AUDIO SIGNAL**
[54] **DECODEUR ET PROCEDE DE DECODAGE DE SIGNAL AUDIO, CODEUR ET PROCEDE DE CODAGE DE SIGNAL AUDIO**
[72] DISCH, SASCHA, DE
[72] LAITINEN, MIKKO-VILLE, FI
[72] PULKKI, VILLE, FI
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,
[86] (2999327)
[87] (2999327)
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[51] **Int.Cl. B22D 11/108 (2006.01) B22D 11/04 (2006.01) B22D 11/106 (2006.01)**
[25] EN
[54] **CONTINUOUS CASTING PROCESS OF METAL**
[54] **PROCESSUS DE COULEE CONTINUE DE METAL**
[72] BRANDT, MATHIEU, BE
[72] FISCHBACH, JEAN-PAUL, BE
[72] NAVEAU, PAUL, BE
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL,
[86] (2999637)
[87] (2999637)
[22] 2012-03-28
[62] 2,868,147

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[51] **Int.Cl. B61L 15/00 (2006.01)**
[25] EN
[54] **REMOTELY ARMING HEAD OF TRAIN DEVICE TO END OF TRAIN DEVICE**
[54] **ARMEMENT A DISTANCE D'UN DISPOSITIF DE TETE DE TRAIN A UN DISPOSITIF DE QUEUE DE TRAIN**
[72] FERNANDES, MARIO, US
[73] SIEMENS MOBILITY, INC.,
[85] 2018-03-28
[86] 2016-09-19 (PCT/US2016/052450)
[87] (WO2017/058549)
[30] US (14/870,083) 2015-09-30

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[51] **Int.Cl. G01G 19/02 (2006.01) B65G 69/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VERIFYING CONTENTS DECLARATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE VERIFIER UNE DECLARATION DE CONTENUS**
[72] HOLMES, PETER, US
[72] WHITE, DAVID, US
[73] ILLINOIS TOOL WORKS INC.,
[85] 2018-04-03
[86] 2016-08-16 (PCT/US2016/047133)
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[25] EN
[54] **METHOD FOR PRODUCING GENOME-ENGINEERED PLANTS FROM PLANT PROTOPLASTS AT HIGH EFFICIENCY**
[54] **METHODE DE PRODUCTION DE PLANTES MODIFIEES PAR INGENIERIE DU GENOME A PARTIR DE PROTOPLASTES DE PLANTE A HAUTE EFFICACITE**
[72] KIM, JIN SOO, KR
[72] KIM, JUNGEUN, KR
[72] CHOE, SUNGHWA, KR
[72] WOO, JE WOOK, KR
[72] KWON, SOON IL, KR
[72] KIM, HYERAN, KR
[73] INSTITUTE FOR BASIC SCIENCE,
[73] SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION,
[73] AICT,
[85] 2018-04-05
[86] 2016-10-06 (PCT/KR2016/011216)
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[30] KR (10-2015-0140314) 2015-10-06

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[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE THROUGH INTRA PREDICTION**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'IMAGE PAR L'INTERMEDIAIRE DE L'INTRA-PREDICTION**
[72] MIN, JUNG-HYE, KR
[72] LEE, SUN-IL, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[86] (3001241)
[87] (3001241)
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[25] EN
[54] **MUSICAL INSTRUMENT STRUCTURES FOR PERMANENT INSTALLATION IN AN OUTDOOR ENVIRONMENT**
[54] **STRUCTURES D'INSTRUMENT DE MUSIQUE POUR UNE INSTALLATION PERMANENTE DANS UN ENVIRONNEMENT EXTERIEUR**
[72] KELLER, THOMAS L., US
[73] LANDSCAPE STRUCTURES INC.,
[85] 2018-04-11
[86] 2016-10-13 (PCT/US2016/056741)
[87] (WO2017/066384)
[30] US (62/241,978) 2015-10-15

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[13] C
[51] **Int.Cl. A47J 37/04 (2006.01) A21B 1/42 (2006.01) A21B 1/44 (2006.01) A21B 1/46 (2006.01) A21B 1/48 (2006.01) A47J 37/06 (2006.01) A47J 37/08 (2006.01)**
[25] EN
[54] **CONVEYOR-TYPE GRILLING APPLIANCE FOR COOKING OR RE-THERMALIZING FOOD WITH MULTIPLE INDEPENDENTLY CONTROLLED SETS OF CONVEYORS DEFINING MULTIPLE INDEPENDENTLY CONTROLLED CONVEYOR COOKING LANES**
[54] **GRIL DU TYPE A TRANSPORTEURS PERMETTANT DE CUIRE OU DE RECHAUFFER DES ALIMENTS COMPRENANT DE MULTIPLES ENSEMBLES DE TRANSPORTEURS COMMANDES INDEPENDAMMENT DEFINISSANT DE MULTIPLESVOIES DE CUISSON DE TRANSPORTEUR COMMANDEES INDEPENDAMMENT**
[72] BUCHLER, JAMES R., US
[72] CUCCHI, ROBERT LEWIS, US
[72] PANASIK, CHERYL L., US
[72] PATEL, BHUPENDRA R., US
[72] PATEL, DIPAN, US
[72] PATEL, JIGNESH, US
[72] VEGA, FRANCISCO, US
[72] VEGA, IGNACIO, US
[73] A. J. ANTUNES & CO.,
[85] 2018-04-11
[86] 2016-10-07 (PCT/US2016/056168)
[87] (WO2017/066105)
[30] US (62/240,553) 2015-10-13
[30] US (15/267,180) 2016-09-16

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[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01)**
[25] EN
[54] **COVER INCLUDING A MONOLITHIC COATING**
[54] **COUVERCLE COMPORTANT UN REVETEMENT MONOLITHIQUE**
[72] HUTCHENS, JASON DALE, US
[72] SPICE, TIMOTHY JAMES, US
[72] QUINTUS, JAMES GERARD, US
[72] JOSLYN, ROBERT C., US
[73] UNDERCOVER, INC.,
[86] (3002379)
[87] (3002379)
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[30] US (62/490,413) 2017-04-26
[30] US (15/955,402) 2018-04-17

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR INCREASING THROUGHPUT OF AN AGRICULTURAL PRODUCT METERING SYSTEM**
[54] **SYSTEME SERVANT A AUGMENTER LE DEBIT D'UN SYSTEME DE DOSAGE POUR PRODUIT AGRICOLE**
[72] ROBERGE, MARTIN J., CA
[72] PEUTERT, CHANCE, CA
[72] RUPPERT, REX LEROY, US
[72] HANSEN, BRADLEY DENNIS, US
[73] CNH INDUSTRIAL CANADA, LTD.,
[86] (3002407)
[87] (3002407)
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[25] EN
[54] **PRESSURE WASHER SAFETY LOCK**
[54] **VERROU DE SECURITE DE NETTOYEUR SOUS PRESSION**
[72] ALEXANDER, GUS, US
[72] KOLICHESKI, PAULO ROGERIO FUNK, US
[72] GILPATRICK, RICHARD JAMES, US
[73] FNA GROUP, INC.,
[86] (3002468)
[87] (3002468)
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[13] C
[51] **Int.Cl. G01C 21/36 (2006.01) H04B 11/00 (2006.01)**
[25] EN
[54] **SHARING NAVIGATION DATA AMONG CO-LOCATED COMPUTING DEVICES**
[54] **PARTAGE DE DONNEES DE NAVIGATION ENTRE DES DISPOSITIFS INFORMATIQUES COLOCALISES**
[72] HARDING, DEAN, AU
[72] FOSTER, ANDREW, AU
[73] GOOGLE LLC,
[85] 2018-04-20
[86] 2016-11-23 (PCT/US2016/063475)
[87] (WO2017/127158)
[30] US (15/003,035) 2016-01-21

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[51] **Int.Cl. C22C 21/10 (2006.01)**
[25] EN
[54] **IMPROVED WROUGHT 7XXX ALUMINUM ALLOYS, AND METHODS FOR MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM 7XXX CORROYES AMELIORES, ET PROCEDES DE PRODUCTION ASSOCIES**
[72] YAN, XINYAN, US
[72] BRYANT, JAMES DANIEL, US
[72] LIN, JEN C., US
[72] ZHANG, WENPING, US
[72] SIMIELLI, EIDER, US
[73] ARCONIC INC.,
[85] 2018-04-24
[86] 2016-10-27 (PCT/US2016/059120)
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[30] US (62/248,165) 2015-10-29

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[13] C
[51] **Int.Cl. C08L 23/12 (2006.01) C08K 3/34 (2006.01) C08L 23/16 (2006.01)**
[25] EN
[54] **HIGH FLOW TPO COMPOSITION WITH EXCELLENT TENSILE STRAIN AT BREAK AND LOW POWDER STICKINESS**
[54] **COMPOSITION DE TPO A HAUTE FLUIDITE PRESENTANT UN ALLONGEMENT EN TRACTION EXCELLENT A LA RUPTURE ET UNE FAIBLE ADHESIVITE DE POUDRE**
[72] GRESTENBERGER, GEORG, AT
[72] SANDHOLZER, MARTINA, AT
[73] BOREALIS AG,
[85] 2018-04-25
[86] 2016-11-17 (PCT/EP2016/078026)
[87] (WO2017/085196)
[30] EP (15194961.7) 2015-11-17

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[51] **Int.Cl. E06C 1/08 (2006.01) E06C 7/00 (2006.01)**
[25] EN
[54] **CEILING LADDER, DEEP STEP AND METHOD**
[54] **ECHELLE DE PLAFOND, MARCHE PROFONDE ET METHODE**
[72] WOODWARD, STEVE, US
[72] LESSNER, SHANNON, US
[72] PARKER, THOMAS, US
[73] WERNER CO.,
[86] (3004242)
[87] (3004242)
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[51] **Int.Cl. H04L 12/12 (2006.01) H04L 9/32 (2006.01) H04L 12/42 (2006.01) H04L 29/06 (2006.01)**
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[54] **VIRTUAL CURRENCY SYSTEM**
[54] **SYSTEME MONETAIRE VIRTUEL**
[72] MACGREGOR, ROBERT SCOTT, CA
[72] ONG, MILAGRINO JOSE C., CA
[73] NCHAIN HOLDINGS LIMITED,
[86] (3004263)
[87] (3004263)
[22] 2015-03-18
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[54] **TWO-BED PARAFFIN TO OLEFIN ENHANCEMENT PROCESS**
[54] **PROCEDE DE TRANSFORMATION DE PARAFFINE EN OLEFINE A DEUX LITS**
[72] LUEBKE, CHARLES P., US
[72] WANG, ZHENG, US
[72] GORAWARA, JAYANT K., US
[72] SOHN, STEPHEN W., US
[73] UOP LLC,
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[51] **Int.Cl. B02C 18/14 (2006.01) B02C 18/18 (2006.01)**
[25] EN
[54] **TOOL SYSTEM**
[54] **SYSTEME D'OUTIL**
[72] SMEETS, FLORIAN, DE
[72] KRAEMER, ULRICH, DE
[73] BETEK GMBH & CO. KG,
[85] 2018-05-07
[86] 2016-11-02 (PCT/EP2016/076399)
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[51] **Int.Cl. A61B 17/62 (2006.01) A61B 17/64 (2006.01) A61B 17/66 (2006.01)**
[25] EN
[54] **CIRCULAR FIXATOR SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FIXATEUR CIRCULAIRE**
[72] ROBINSON, CHRIS, US
[72] WONG, KIAN-MING, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC.,
[85] 2018-05-08
[86] 2016-10-06 (PCT/US2016/055747)
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[30] US (62/254,489) 2015-11-12

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[13] C
[51] **Int.Cl. B60W 10/02 (2006.01) B60W 10/11 (2012.01) B60W 10/06 (2006.01) F16H 61/14 (2006.01)**
[25] EN
[54] **CONTROL DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE**
[72] MICHIKOSHI, YOSUKE, JP
[72] IKEMURA, MASASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA,
[86] (3005339)
[87] (3005339)
[22] 2018-05-18
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[51] **Int.Cl. B24B 9/04 (2006.01)**
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[54] **RECIPROCATING SKATE BLADE SHARPENER**
[54] **DISPOSITIF D'AIGUISAGE DE LAME DE PATIN A GLACE A MOUVEMENT ALTERNATIF**
[72] FROMMER, THOMAS P., CA
[72] KONTOS, CHRISTOPHER THEODORE, CA
[72] MARCHAND, SHAWN, CA
[72] PLOURDE, MARC R., CA
[72] O'NEILL, AUSTIN, CA
[72] SCHATZ, KURT, CA
[73] MAGNA CLOSURES INC.,
[86] (3005383)
[87] (3005383)
[22] 2009-12-21
[62] 2,746,347
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[51] **Int.Cl. B64D 15/12 (2006.01) B64C 3/26 (2006.01) B64C 11/20 (2006.01) H05B 3/20 (2006.01) H05B 3/28 (2006.01)**
[25] EN
[54] **ELECTRICAL BUS ARRANGEMENT FOR ICE PROTECTION SYSTEMS**
[54] **ARRANGEMENT DE BUS ELECTRIQUE DESTINE A DES SYSTEMES DE PROTECTION CONTRE LA GLACE**
[72] PAULSON, JARED MARK, US
[72] BURNETT, MICHAEL CHRISTOPHER, US
[72] FOSKEY, CHRISTOPHER E., US
[73] BELL HELICOPTER TEXTRON INC.,
[86] (3005501)
[87] (3005501)
[22] 2018-05-17
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[25] EN
[54] **PALLET WITH EXTRUDED COMPOSITE SUPPORT BLOCKS AND ASSOCIATED METHODS OF MAKING THE SAME**
[54] **PALETTE AVEC BLOCS DE SUPPORT COMPOSITES EXTRUDES ET PROCEDES ASSOCIES POUR SA FABRICATION**
[72] DE BEER, SAREL JOHANNES, ZA
[72] BRANDT, KEN, US
[72] WOOD, MATTHEW, US
[73] CHEP TECHNOLOGY PTY LIMITED,
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[86] 2016-01-08 (PCT/US2016/012593)
[87] (WO2017/119897)
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[25] EN
[54] **PORTABLE THERAPEUTIC DEVICE AND ASSOCIATED USE THEREOF**
[54] **DISPOSITIF THERAPEUTIQUE PORTABLE.**
[72] BURNS, DENISE K., US
[72] SBARRO, DONNA, US
[72] BELNAVIS, DOROTHY, US
[73] BURNS, DENISE K.,
[73] SBARRO, DONNA,
[73] BELNAVIS, DOROTHY,
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[86] 2017-06-14 (PCT/US2017/037466)
[87] (WO2017/218666)
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[51] **Int.Cl. F21V 21/04 (2006.01) F21K 9/00 (2016.01) F21S 8/02 (2006.01) F21V 17/16 (2006.01) F21V 25/12 (2006.01) F21V 29/70 (2015.01) F21V 3/00 (2015.01)**
[25] EN
[54] **EMBEDDED LED DOWNLIGHT**
[54] **PLAFONNIER INTENSIF A DEL INTEGREE**
[72] JIANHUA, QI, CN
[72] YUANFA, SHI, CN
[73] SHANGHAI HAIFENG ELECTRICAL LIGHTING CO., LTD,
[86] (3005853)
[87] (3005853)
[22] 2018-05-23
[30] CN (201810178770.3) 2018-03-05

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[51] **Int.Cl. A41D 1/00 (2018.01) A41D 1/06 (2006.01) A41D 1/08 (2018.01)**
[25] EN
[54] **URINATION RELIEF HATCH FOR WATERPROOF WADERS AND FOUL WEATHER GEAR**
[54] **TRAPPE DE MICTION POUR PANTALONS-BOTTES IMPERMEABLES ET EQUIPEMENT POUR LE MAUVAIS TEMPS**
[72] STEVENSON, ROBERT A., US
[72] STEVENSON, WENDY L., US
[73] STEVENSON, ROBERT A.,
[73] STEVENSON, WENDY L.,
[85] 2018-05-18
[86] 2016-11-21 (PCT/US2016/063159)
[87] (WO2017/087966)
[30] US (14/948,378) 2015-11-22
[30] US (15/184,119) 2016-06-16
[30] US (15/355,580) 2016-11-18

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[51] **Int.Cl. B62D 12/02 (2006.01) B60P 3/40 (2006.01) B62D 13/00 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **MODULAR BEAM HAULER**
[54] **TRANSPORTEUR DE POUTRE MODULAIRE**
[72] LUTZ, DAVID W., US
[73] LUTZ, DAVID W.,
[86] (3006163)
[87] (3006163)
[22] 2018-05-25
[30] US (62/511,689) 2017-05-26
[30] US (15/983,673) 2018-05-18

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[13] C
[51] **Int.Cl. C07C 7/05 (2006.01) C07C 5/327 (2006.01) C07C 7/11 (2006.01)**
[25] EN
[54] **SOLVENT RECYCLE FROM HEAVIES REMOVAL COLUMN**
[54] **RECYCLAGE DE SOLVANT A PARTIR D'UNE COLONNE D'ELIMINATION DE MINERAUX LOURDS**
[72] ZAVALA, RAUL, US
[72] LUEBKE, CHARLES P., US
[72] KANYUH, ADAM J., US
[73] UOP LLC,
[85] 2018-05-25
[86] 2017-05-01 (PCT/US2017/030335)
[87] (WO2017/205006)
[30] US (62/341,411) 2016-05-25

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[25] EN
[54] **NEEDLE DISPENSING AND STORING APPARATUS FOR MEDICAMENT DELIVERY DEVICE**
[54] **DISPOSITIF DE STOCKAGE ET DE DISTRIBUTION D'AIGUILLES POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS**
[72] SPOOL, IRA, US
[72] CONSTANTINEAU, COLE, US
[72] SCHOONMAKER, RYAN, US
[72] SULLIVAN, SEAN P., US
[72] RAJ, ABHIJITSINH S., US
[72] BRUEHWILER, MICHEL, US
[73] BECTON, DICKINSON AND COMPANY,
[86] (3006591)
[87] (3006591)
[22] 2011-08-09
[62] 2,748,209
[30] US (61/344,536) 2010-08-16
[30] US (61/344,539) 2010-08-16
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[25] EN
[54] **PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION DESTINE A UN AERONEF**
[72] HON, ROBERT CHARLES, US
[72] GANSLER, MICHAEL THOMAS, US
[73] GENERAL ELECTRIC COMPANY,
[86] (3006678)
[87] (3006678)
[22] 2018-05-30
[30] US (15/619,673) 2017-06-12

[11] **3,007,679**
[13] C
[51] **Int.Cl. H04N 19/174 (2014.01) H04N 19/34 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO ENCODING FOR EACH SPATIAL SUB-AREA, AND METHOD AND APPARATUS FOR VIDEO DECODING FOR EACH SPATIAL SUB-AREA**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO DE CHAQUE SOUS-ZONE SPATIALE ET PROCEDE ET APPAREIL DE DECODAGE DE CHAQUE SOUS-ZONE SPATIALE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD.,
[86] (3007679)
[87] (3007679)
[22] 2013-01-30
[62] 2,898,154
[30] US (61/592,572) 2012-01-30

[11] **3,007,759**
[13] C
[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **CONNECTOR WITH SEAL**
[54] **RACCORD A JOINT D'ETANCHEITE**
[72] FACCHINELLO, JEROME, US
[73] TECTUM HOLDINGS, INC.,
[86] (3007759)
[87] (3007759)
[22] 2018-06-11
[30] US (15/723,738) 2017-10-03

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[13] C
[51] **Int.Cl. G09F 9/35 (2006.01) A47F 3/00 (2006.01) A47F 11/06 (2006.01)**
[25] EN
[54] **TRANSPARENT LCD ASSEMBLY WITH DISPLAY CASE**
[54] **ENSEMBLE D'AFFICHAGE A CRISTAUX LIQUIDES TRANSPARENT AVEC BOITIER DE DISPOSITIF D'AFFICHAGE**
[72] DUNN, WILLIAM, US
[72] DIAZ, MARCOS, US
[73] MANUFACTURING RESOURCES INTERNATIONAL, INC.,
[86] (3007804)
[87] (3007804)
[22] 2015-06-16
[62] 2,952,619
[30] US (62/012,785) 2014-06-16
[30] US (62/012,572) 2014-06-16
[30] US (62/012,559) 2014-06-16
[30] US (62/013,225) 2014-06-17
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[51] **Int.Cl. H01M 2/34 (2006.01) H01M 10/613 (2014.01) H01M 10/653 (2014.01) H01M 10/654 (2014.01) H01M 10/6555 (2014.01)**
[25] EN
[54] **PASSIVE THERMAL MANAGEMENT SYSTEM FOR BATTERY**
[54] **SYSTEME DE GESTION THERMIQUE PASSIVE POUR BATTERIE**
[72] PINGREE, LIAM STEWART CAVANAUGH, US
[73] AMAZON TECHNOLOGIES, INC.,
[85] 2018-06-14
[86] 2016-12-13 (PCT/US2016/066389)
[87] (WO2017/106195)
[30] US (14/975,253) 2015-12-18

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[13] C
[51] **Int.Cl. E04B 1/19 (2006.01)**
[25] EN
[54] **HOUSE FORMED BY CONNECTING HIGH-STRENGTH CONCAVE-CONVEX TROUGH-TYPE STEELS**
[54] **MAISON FORMEE PAR LIAISON D'ACIERS DE TYPE CREUX CONCAVES-CONVEXES A HAUTE RESISTANCE**
[72] WEI, QUN, CN
[72] WEI, LUSHUANG, CN
[72] CHENG, ZIQIAO, CN
[72] TANG, MING, CN
[72] LIU, SHANGWEI, CN
[73] HENAN AUSPIC TECHNOLOGY CO., LTD.,
[85] 2018-06-15
[86] 2016-08-28 (PCT/CN2016/097077)
[87] (WO2017/101507)
[30] CN (201510949507.6) 2015-12-18

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[51] **Int.Cl. A63B 23/02 (2006.01) A63B 21/02 (2006.01)**
[25] EN
[54] **REFORMER EXERCISE APPARATUS**
[54] **APPAREIL D'EXERCICE DE REMISE EN FORME**
[72] ENDELMAN, KEN, US
[72] SAVARINO, CHRISTOPHER J., US
[72] MASTERSON, BRIAN, US
[72] OBERWELZ, ELGER, US
[72] YURCHENCO, JAMES R., US
[72] PATRON, ANTHONY, US
[72] OVERTHUN, THOMAS DIETER CHRISTIAN, US
[72] STUDENT, JOERG, US
[72] WEBSTER, DAVID, US
[72] DAVIS-WILSON, JENNIFER ELLEN, US
[73] BALANCED BODY, INC.,
[86] (3008723)
[87] (3008723)
[22] 2011-07-13
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[51] **Int.Cl. E21B 43/36 (2006.01) B01D 17/12 (2006.01)**
[25] EN
[54] **OIL-IN-WATER MONITORING**
[54] **SURVEILLANCE D'HUILE DANS L'EAU**
[72] YIN, XIAOLEI, US
[72] OLSON, MICHAEL D., US
[72] GRAVE, EDWARD J., US
[72] GUL, KAMRAN AHMED, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY,
[85] 2018-06-15
[86] 2016-12-01 (PCT/US2016/064475)
[87] (WO2017/105863)
[30] US (62/268,590) 2015-12-17
[30] US (62/424,137) 2016-11-18

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[51] **Int.Cl. A61B 34/20 (2016.01)**
[25] EN
[54] **MEDICAL ELECTRONIC DEVICE WITH MULTI-TRACKING CAMERAS**
[54] **DISPOSITIF ELECTRONIQUE MEDICAL COMPORTANT PLUSIEURS CAMERAS DE SUIVI**
[72] SELA, GAL, CA
[72] ABHARI, KAMYAR, CA
[72] LUI, DOROTHY, CA
[72] HYNNA, KAI MICHAEL, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC.,
[86] (3008877)
[87] (3008877)
[22] 2018-06-19
[30] US (15/638,431) 2017-06-30

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[13] C
[51] **Int.Cl. B65G 69/18 (2006.01) B01D 45/00 (2006.01) B07B 4/00 (2006.01) B07B 7/00 (2006.01) B08B 15/00 (2006.01) B65B 1/16 (2006.01) B65G 3/04 (2006.01)**
[25] EN
[54] **CONVEYOR WITH INTEGRATED DUST COLLECTOR SYSTEM**
[54] **TRANSPORTEUR AVEC SYSTEME COLLECTEUR DE POUSSIERE INTEGRE**
[72] OREN, JOSHUA, US
[72] BOROS, MARTY, US
[72] BERVEILER, PETE, US
[72] HANSEN, DAVE, US
[72] CAMPBELL, COLIN, US
[72] EDWARDS, MIKE, US
[72] MASSALONE, THOMAS, US
[73] OREN TECHNOLOGIES, LLC,
[85] 2018-06-15
[86] 2017-01-05 (PCT/US2017/012271)
[87] (WO2017/120292)
[30] US (62/275,377) 2016-01-06
[30] US (15/398,835) 2017-01-05
[30] US (15/398,950) 2017-01-05

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[13] C
[51] **Int.Cl. F03D 7/02 (2006.01) F03D 17/00 (2016.01)**
[25] EN
[54] **METHOD FOR EVALUATING AN INFLOW ON A ROTOR BLADE OF A WIND TURBINE, METHOD FOR CONTROLLING A WIND TURBINE, AND A WIND TURBINE**
[54] **PROCEDE D'EVALUATION D'UNE INCIDENCE DU VENT SUR UNE PALE DE ROTOR D'UNE CENTRALE EOLIENNE AINSI QUE PROCEDE POUR COMMANDER UNE CENTRALE EOLIENNE ET CENTRALE EOLIENNE**
[72] NAPIERALA, CHRISTIAN FRANK, DE
[73] WOBBEN PROPERTIES GMBH,
[85] 2018-06-18
[86] 2017-01-13 (PCT/EP2017/050687)
[87] (WO2017/121860)
[30] DE (10 2016 100 522.3) 2016-01-13

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[13] C
[51] **Int.Cl. F03D 80/30 (2016.01)**
[25] EN
[54] **WIND TURBINE BLADES AND POTENTIAL EQUALIZATION SYSTEMS**
[54] **PALES D'EOLIENNE ET SYSTEMES D'EQUILIBRAGE DE TENSION**
[72] NIELSEN, LARS, DK
[72] JESPERSEN, KLAVS, DK
[73] LM WP PATENT HOLDING A/S,
[85] 2018-06-20
[86] 2016-12-19 (PCT/EP2016/081744)
[87] (WO2017/108691)
[30] EP (15202398.2) 2015-12-23

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[51] **Int.Cl. H01R 4/26 (2006.01) H01R 4/30 (2006.01) H01R 4/34 (2006.01) H01R 4/38 (2006.01) H01R 4/42 (2006.01) H01R 4/44 (2006.01) H01R 4/64 (2006.01)**
[25] EN
[54] **BONDING CLAMP**
[54] **ATTACHE DE LIAISON**
[72] MARTIN, EVAN RONALD, US
[73] HUBBELL INCORPORATED,
[85] 2018-06-21
[86] 2016-12-17 (PCT/US2016/067398)
[87] (WO2017/112553)
[30] US (62/271,109) 2015-12-22

[11] **3,009,555**
[13] C
[51] **Int.Cl. H02G 3/22 (2006.01) E04B 5/48 (2006.01)**
[25] EN
[54] **POKE-THROUGH DEVICE**
[54] **DISPOSITIF A ENFONCEMENT**
[72] RICHARDS, GREGORY, US
[72] DRANE, MARK R., US
[72] JOLLY, ROBERT KEVIN, US
[72] MARTIN, MICHAEL D., US
[73] THOMAS & BETTS INTERNATIONAL LLC,
[86] (3009555)
[87] (3009555)
[22] 2018-06-26
[30] US (62/526,787) 2017-06-29

[11] **3,010,424**
[13] C
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/20 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **BIT-SCRAMBLING IN DIFFERENTIAL PULSE POSITION MODULATION**
[54] **EMBROUILLAGE DE BIT EN MODULATION DE POSITION D'IMPULSION DIFFERENTIELLE**
[72] CHU, JIANYING, US
[73] HALLIBURTON ENERGY SERVICES, INC.,
[85] 2018-07-03
[86] 2016-03-11 (PCT/US2016/022144)
[87] (WO2017/155547)

[11] **3,010,518**
[13] C
[51] **Int.Cl. B29C 65/54 (2006.01)**
[25] FR
[54] **CONNECTION DEVICE FOR SHEATHS BY INTERNAL GLUING, CORRESPONDING ADHESIVE ROLLS AND CONNECTION METHODS**
[54] **DISPOSITIF DE RACCORDEMENT DE GAINES PAR ENCOLLAGE INTERNE, ROULEAU D'ADHESIF ET PROCEDE DE RACCORDEMENT CORRESPONDANTS**
[72] FRESNEL, ERIC, FR
[73] SLEEVER INTERNATIONAL COMPANY,
[86] (3010518)
[87] (3010518)
[22] 2018-07-04
[30] FR (17 56808) 2017-07-18

[11] **3,010,838**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **ELECTRIC SUBMERSIBLE PUMP WITH ULTRASOUND FOR SOLID BUILDUP REMOVAL**
[54] **POMPE SUBMERSIBLE ELECTRIQUE A ULTRASONS POUR ELIMINATION D'ACCUMULATION DE SOLIDES**
[72] XIAO, JINJIANG, SA
[72] LASTRA, RAFAEL ADOLFO, SA
[72] SHEPLER, RANDALL, SA
[73] SAUDI ARABIAN OIL COMPANY,
[85] 2018-07-05
[86] 2017-01-20 (PCT/US2017/014315)
[87] (WO2017/127667)
[30] US (15/004,304) 2016-01-22

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[13] C
[51] **Int.Cl. B21J 5/00 (2006.01) B23K 15/00 (2006.01) B23K 26/00 (2014.01)**
[25] EN
[54] **METHODS FOR PRODUCING FORGED PRODUCTS AND OTHER WORKED PRODUCTS**
[54] **PROCEDES DE FABRICATION DE PRODUITS FORGES ET AUTRES PRODUITS FACONNES**
[72] SATOH, GEN, US
[72] MYERS, DANIEL M., US
[72] BODILY, BRANDON H., US
[73] ARCONIC INC.,
[85] 2018-07-13
[86] 2017-01-13 (PCT/US2017/013504)
[87] (WO2017/123995)
[30] US (62/278,753) 2016-01-14

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[51] **Int.Cl. B21J 5/00 (2006.01) B23P 15/00 (2006.01) B23K 26/342 (2014.01) B22F 3/105 (2006.01) B23K 15/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING ADDITIVELY MANUFACTURED PRODUCTS**
[54] **PROCEDES DE FABRICATION DE PRODUITS DE FABRICATION ADDITIVE**
[72] SATOH, GEN, US
[72] MYERS, DANIEL M., US
[72] BODILY, BRANDON H., US
[73] ARCONIC INC.,
[85] 2018-07-13
[86] 2017-01-17 (PCT/US2017/013773)
[87] (WO2017/124097)
[30] US (62/278,766) 2016-01-14

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[51] **Int.Cl. F03D 17/00 (2016.01) F03D 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING AN EQUIVALENT WIND VELOCITY**
[54] **PROCEDE POUR DETERMINER UNE VITESSE DU VENT EQUIVALENTE**
[72] ENGELKEN, SONKE, DE
[73] WOBBEN PROPERTIES GMBH,
[85] 2018-07-18
[86] 2017-02-24 (PCT/EP2017/054265)
[87] (WO2017/144631)
[30] DE (10 2016 103 254.9) 2016-02-24

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[51] **Int.Cl. B60W 30/08 (2012.01) B60R 21/0132 (2006.01)**
[25] EN
[54] **DRIVING ASSISTANCE SYSTEM**
[54] **DISPOSITIF D'AIDE A LA CONDUITE**
[72] IKE, WATARU, JP
[72] HOSHIKAWA, YUMA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA,
[86] (3011957)
[87] (3011957)
[22] 2018-07-20
[30] JP (2017-148886) 2017-08-01

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[13] C
[51] **Int.Cl. F16H 1/28 (2006.01) F16H 57/01 (2012.01) F16H 55/17 (2006.01)**
[25] EN
[54] **METHOD OF AVOIDING GEAR TOOTH INTERFERENCE IN A PLANETARY GEAR SYSTEM**
[54] **PROCEDE VISANT A EVITER L'INTERFERENCE DES DENTS D'ENGRENAGE DANS UN SYSTEME D'ENGRENAGES PLANETAIRES**
[72] WOODS, RON, US
[73] BELL HELICOPTER TEXTRON INC.,
[86] (3012148)
[87] (3012148)
[22] 2018-07-20
[30] US (15/656,420) 2017-07-21

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[51] **Int.Cl. B62D 25/20 (2006.01)**
[25] EN
[54] **AUTOMOBILE MEMBER**
[54] **ELEMENT D'AUTOMOBILE**
[72] OTSUKA, KENICHIRO, JP
[73] NIPPON STEEL CORPORATION,
[85] 2018-07-20
[86] 2017-02-17 (PCT/JP2017/005904)
[87] (WO2017/142062)
[30] JP (2016-030224) 2016-02-19

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[51] **Int.Cl. B24D 18/00 (2006.01) B24D 3/04 (2006.01) B24D 5/10 (2006.01) B28B 7/00 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **SHAPED ABRASIVE PARTICLES WITH GROOVES**
[54] **PARTICULES ABRASIVES MISES EN FORME COMPORTANT DES RAINURES**
[72] BODEN, JOHN T., US
[72] ERICKSON, DWIGHT D., US
[72] CULLER, SCOTT R., US
[72] ADEFRIS, NEGUS B., US
[72] HAAS, JOHN D., US
[73] 3M INNOVATIVE PROPERTIES COMPANY,
[86] (3012625)
[87] (3012625)
[22] 2009-11-30
[62] 2,746,932
[30] US (61/138268) 2008-12-17

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[13] C
[51] **Int.Cl. C02F 1/467 (2006.01) C02F 1/461 (2006.01)**
[25] EN
[54] **ELECTROOXIDATION AT ELEVATED PRESSURES**
[54] **ELECTRO-OXYDATION A PRESSIONS ELEVEES**
[72] KUMFER, BRYAN J., US
[73] SIEMENS ENERGY, INC.,
[85] 2018-08-02
[86] 2017-02-03 (PCT/US2017/016385)
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[73] BUCKINGHAM MANUFACTURING COMPANY, INC.,
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[54] **ENSEMBLE COMPARTIMENT A BAGAGES A PIVOT**
[72] SAVIAN, SCOTT, US
[72] KEARSEY, STEPHEN, GB
[72] WILLIAMS, COREY, US
[73] C&D ZODIAC, INC.,
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[54] **MANCHON POUR PLAQUES ANGULAIRES DE BRIDES TRANSVERSALES DE CONDUITS**
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[72] UMBERGER, CODY B., US
[73] HVAC INVENTORS/SYSTEMATION, INC.,
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[54] **CONTROL SYSTEM FOR WINDOW SHUTTER**
[54] **MECANISME DE COMMANDE DE VOLET DE FENETRE**
[72] JAO, JUI-PIN, CN
[72] HSU, WEI-TING, CN
[72] HU, SHU-WEI, CN
[72] CHEN, LIN, CN
[72] NIEN, CHAO-HUNG, CN
[73] NIEN MADE ENTERPRISE CO., LTD,
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[54] **CONTRAST SYSTEM AND METHODS FOR REFLECTIVE MARKERS**
[54] **SYSTEME ET METHODE DE CONTRASTE DESTINES A DES MARQUEURS REFLECHISSANTS**
[72] BAILEY, BRENT ANDREW, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC.,
[86] (3015402)
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[54] **ENSEMBLE D'ACTIONNEMENT POUR IRRIGATEUR BUCCAL**
[72] WILLIAMS, BRIAN R., US
[72] WAGNER, ROBERT D., US
[73] WATER PIK, INC.,
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[54] **DISPOSITIF DE PLACAGE DE METAL PAR IMMERSION A CHAUD EN CONTINU ET PROCEDE DE PLACAGE DE METAL PAR IMMERSION A CHAUD EN CONTINU**
[72] NISHIZAWA, KOICHI, JP
[72] OMODAKA, MASAAKI, JP
[73] NIPPON STEEL CORPORATION,
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[54] **METHOD AND APPARATUS FOR DELIVERING A THERAPEUTIC SUBSTANCE THROUGH AN INJECTION PORT**
[54] **METHODE ET DISPOSITIFS PERMETTANT D'ADMINISTRER UNE SUBSTANCE THERAPEUTIQUE PAR UN ORIFICE D'INJECTION**
[72] WALTERS, MICHAEL R., US
[72] THOMAS, BRADLEY S., US
[72] STANTON, KATHERINE, US
[73] BECTON, DICKINSON AND COMPANY,
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[54] **AERATEUR DE BOUTEILLE DE VIN**
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[72] STEVENSON, WENDY L., US
[72] STEVENSON, JENNIFER L., US
[72] STEVENSON, RYAN A., US
[73] STEVENSON, ROBERT A.,
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[54] **ARRANGEMENT FOR THE TOUCH-SAFE CONTACTING OF A BUSBAR SYSTEM**
[54] **AGENCEMENT PERMETTANT LA CONNEXION SANS RISQUE DE CONTACT D'UN SYSTEME DE RAILS COLLECTEURS DE COURANT**
[72] SCHELL, MICHAEL, DE
[72] BASTIAN, ANDREAS, DE
[72] JUNGBAUER, ANN-SYLVIA, DE
[73] RITTAL GMBH & CO. KG,
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[54] **HEAT TRANSFER PLATE AND PLATE HEAT EXCHANGER COMPRISING A PLURALITY OF SUCH HEAT TRANSFER PLATES**
[54] **PLAQUE DE TRANSFERT DE CHALEUR ET ECHANGEUR DE CHALEUR A PLAQUES COMPRENANT UNE PLURALITE DE TELLES PLAQUES DE TRANSFERT DE CHALEUR**
[72] HEDBERG, MAGNUS, SE
[73] ALFA LAVAL CORPORATE AB,
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[54] **ANALYSIS METHOD AND ANALYSIS DEVICE FOR SUBSTANCE TO BE MEASURED**
[54] **PROCEDE D'ANALYSE ET DISPOSITIF D'ANALYSE POUR SUBSTANCE A MESURER**
[72] FURUKAWA, MAKOTO, JP
[72] TAKAGAI, YOSHITAKA, JP
[73] PERKINELMER JAPAN CO., LTD.,
[73] NATIONAL UNIVERSITY CORPORATION FUKUSHIMA UNIVERSITY,
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[54] **DRONE MUNI D'AU MOINS UN PARACHUTE**
[72] THOMASSEY, LIONEL, FR
[73] AIRBUS HELICOPTERS,
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[54] **METHOD OF AND APPARATUS FOR DETECTING DEFECTS**
[54] **METHODE ET APPAREIL DE DETECTION DES DEFAUTS**
[72] WIGH, JEFFREY B., US
[72] EBERSOLD, RICHARD L., US
[72] ELBERT, TROY L., US
[72] COOLMAN, TIMOTHY J., US
[73] HERZOG SERVICES INC.,
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[72] RUEMER, FRANZ, AT
[72] EK, CARL-GUSTAV, SE
[72] BERGQVIST, MATTIAS, SE
[73] BOREALIS AG,
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[54] **MODULE DE CONSTRUCTION VIDE EN PLASTIQUE**
[72] TURNER, MICHAEL L., US
[73] VOID FORM PRODUCTS, INC.,
[86] (3023745)
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[54] **SYSTEMES DE SURVEILLANCE ET DE GESTION DE BIENS DE TUBES GOULOTTES**
[72] DIGHE, KAUSTUBH V., US
[73] DIGHE, KAUSTUBH V.,
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[54] **CENTERING KIT FOR ALIGNING AN EXTERNAL ELEMENT WITH RESPECT TO AN IMPLANTED MEDICAL DEVICE AND CORRESPONDING METHOD**
[54] **KIT DE CENTRAGE POUR ALIGNER UN ELEMENT EXTERNE PAR RAPPORT A UN DISPOSITIF MEDICAL IMPLANTE ET PROCEDE CORRESPONDANT**
[72] DOGUET, PASCAL, BE
[72] DE COCK DE RAMEYEN, AURELIE, BE
[72] THIEBAUT, GREGORY, BE
[73] SYNERGIA MEDICAL,
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[54] **SYSTEME ET OUTILS POUR REDACTION ET RENDU AUDIO 3D AMELIORES**
[72] TSINGOS, NICOLAS R., US
[72] ROBINSON, CHARLES Q., US
[72] SCHARPF, JURGEN W., US
[73] DOLBY LABORATORIES LICENSING CORPORATION,
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[54] **DEVICE FOR MEASURING A SHAPE OF A WALL PORTION OF A COKE OVEN**
[54] **DISPOSITIF POUR MESURER LA FORME D'UNE PARTIE DE PAROI D'UN FOUR A COKE**
[72] GAILLET, JEAN PAUL, FR
[72] GLIJER, DAVID, FR
[72] STREIFF, DAMIEN, FR
[73] CENTRE DE PYROLYSE DU CHARBON DE MARIENAU,
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[54] **A RECOMBINANT YEAST AND A METHOD FOR PRODUCING ETHANOL USING THE SAME**
[54] **LEVURE RECOMBINANTE ET PROCEDE DE PRODUCTION D'ETHANOL L'UTILISANT**
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[72] TADA, NOBUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA,
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[54] **CODAGE PREDICTIF INTRA AMELIORE UTILISANT DES REPRESENTATIONS PLANES**
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[72] KANUMURI, SANDEEP, US
[73] NTT DOCOMO, INC.,
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[54] **UNITE D'ENTRAINEMENT COMPACTE DESTINEE A DES VEHICULES A TRACTION**
[72] PEROUTKA, ZDENEK, CZ
[72] BYRTUS, MIROSLAV, CZ
[72] HRUSKA, KAREL, CZ
[72] PECHANEK, ROMAN, CZ
[72] DRABEK, PAVEL, CZ
[72] KREPELA, JAN, CZ
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[54] **CONSTRUCTION ET EXECUTION DE REQUETE DE RECHERCHE DE SOUS-STRUCTURES CHIMIQUES**
[72] DEAN, ERIK JEDEDIAH, US
[72] SAFIR, ADAM, US
[72] WERNER, GREGORY, US
[73] ZYMERGEN INC.,
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[54] **PROCEDE ET SYSTEME DE DETECTION DE MATERIAUX**
[72] BIRNBACH, CURTIS A., US
[73] ADVANCED FUSION SYSTEMS LLC,
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[54] **RIBONUCLEOSIDES HETEROPENTADIENO-PYRROLOPYRIMIDINIQUES SUBSTITUES A USAGE THERAPEUTIQUE**
[72] HOCEK, MICHAL, CZ
[72] TOKARENKO, ANNA, UA
[72] SMOLEN, SABINA, PL
[72] HAJDUCH, MARIAN, CZ
[72] DZUBAK, PETR, CZ
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[54] **ANTI-GCC ANTIBODY MOLECULES AND RELATED COMPOSITIONS AND METHODS**
[54] **MOLECULES D'ANTICORPS ANTI-GCC, COMPOSITIONS ET PROCEDES APPARENTES**
[72] NAM, SAMUEL S., US
[72] GREENFIELD, EDWARD A., US
[72] O'KEEFE, THERESA, US
[72] QIN, SHIXIN, US
[72] BABCOOK, JOHN, CA
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[54] **PROCEDE POUR FUSIONNER SUR TABLE DES OBJETS POSTAUX AVEC DES ARTICLES DE COURRIER DEJA TRIES**
[72] PHILIPPE, AGNES, FR
[72] VOLTA, BRUNO, FR
[73] SOLYSTIC,
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[54] **PROCEDE DE RINCAGE DE CARCASSES**
[72] JOHNSEN, JUSTIN T., US
[72] MARTIN, WILLIAM J., US
[72] WILESMITH, BRADLEY J., AU
[73] MPSC, INC.,
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[54] **LIMITEUR D'ECOULEMENT SERVANT A LIMITER L'ECOULEMENT DE FLUIDE DANS UN ANNULAIRE**
[72] CRAIGON, ALAN, GB
[72] EGLETON, PHILIP CG, GB
[72] REID, STEPHEN, GB
[72] ELRICK, ANDREW JOHN, GB
[72] PORTA, SANTIAGO GALVEZ, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC,
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[54] **SYSTEME DE PROTECTION ELECTRIQUE REMPLACABLE POUR EQUIPEMENT SOUS CHARGE**
[72] MANAHAN, JOSEPH MICHAEL, US
[72] FREER, BENJAMIN AVERY, US
[73] EATON INTELLIGENT POWER LIMITED,
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[54] **MACHINE D'AUTOMATISATION POUR BOULETTE**
[72] GONG, HAO, CN
[72] XIONG, XIAOGANG, CN
[72] LI, YIHUI, CN
[72] WANG, GANG, CN
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[54] **SOMMIER ROULANT**
[72] O'DONNELL, COLIN, US
[73] SHINN FU COMPANY OF AMERICA, INC.,
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[54] **CERTIFIABLE DETERMINISTIC SYSTEM SOFTWARE FRAMEWORK FOR HARD REAL-TIME SAFETY-CRITICAL APPLICATIONS IN AVIONICS SYSTEMS FEATURING MULTI-CORE PROCESSORS**
[54] **CADRE LOGICIEL DE SYSTEME DETERMINISTE CERTIFIANT POUR APPLICATIONS CRITIQUES DE SECURITE EN TEMPS REEL STRICT DANS DES SYSTEMES AVIONIQUES COMPRENANT DES PROCESSEURS MULTI-COEUR**
[72] SOZZI, MARCO, IT
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[73] LEONARDO S.P.A.,
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[54] **SYSTEMS AND METHODS FOR ADAPTIVELY ENCODING A VIDEO STREAM USING VIRTUAL ENCODERS, BASED ON CHANGES IN THE NUMBER OF VIEWERS AND DESIRED VIDEO QUALITY**
[54] **SYSTEMES ET METHODES DE CODAGE ADAPTATIF D'UN FLUX VIDEO A L'AIDE DE CODEURS VIRTUELS EN FONCTION DES VARIATIONS DU NOMBRE D'UTILISATEURS ET DE LA QUALITE VIDEO SOUHAITEE**
[72] CHOI, SUNG HO, US
[72] SYMBORSKI, THOMAS, US
[72] TRETIN, MATTHEW, US
[73] FUBOTV INC.,
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[54] **PROCEDE ET APPAREIL DE PRODUCTION D'HYDROGENE AYANT DES ELECTRODES REVERSIBLES**
[72] BURTCH, CHRISTOPHER J., CA
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[85] 2019-05-31
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[72] VAN BERKEL, PATRICIUS HENDRIKUS CORNELIS, CH
[73] ADC THERAPEUTICS SA,
[73] MEDIMMUNE LIMITED,
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[54] **SYSTEME DE REGULATION D'EMISSIONS DE TRAIN**
[72] WAIT, KEITH WESLEY, US
[73] NEW YORK AIR BRAKE LLC,
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[72] SAMUELS, ROBERT, US
[73] 3AM INNOVATIONS LLC,
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[54] **WEARABLE ARTICLE AND PACKAGING FOR GENERATING BUBBLES**
[54] **ARTICLE PORTABLE ET EMBALLAGE DESTINES A GENERER DES BULLES**
[72] FU, JENIE PING, US
[72] WILLIAMS, KEVIN, US
[72] ROMANO, MATTHEW, US
[72] NIMES, BENJAMIN DOMINIC, US
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[54] **ADHESIF STRUCTURAL ET APPLICATION DE COLLAGE DE CELUI-CI**
[72] SANG, JUNJIE JEFFREY, US
[72] KOHLI, DALIP KUMAR, US
[72] SHAH, KUNAL GAURANG, IN
[73] CYTEC TECHNOLOGY CORP.,
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[72] GUBBELS, FREDERIC, BE
[72] BAILY, VICTOR, BE
[72] DIMITROVA, TATIANA, BE
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[54] **SYSTEME DE MISE AU POINT AUTOMATIQUE POUR CAPTEURS D'IMAGERIE CMOS**
[72] MU, BO, US
[72] MAGNANI, ALBERTO M., US
[73] BAE SYSTEMS IMAGING SOLUTIONS INC.,
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[54] **SYSTEME DE TEST DE VALVE A THYRISTOR BASE SUR LA COOPERATION DE FONCTIONS LOGIQUES D'UN LOGICIEL**
[72] YANG, FAN, CN
[72] LIU, LEI, CN
[72] ZHANG, XIANG, CN
[72] ZHOU, CHEN, CN
[72] PAN, WEIMING, CN
[72] FANG, TAIXUN, CN
[73] NR ELECTRIC CO., LTD,
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[54] **PROCEDES DE RECUPERATION DE FORMIATE DE CESIUM A PARTIR D'UN MELANGE DE FORMIATES DE METAL ALCALIN MIXTE**
[72] BAKKE, BART F., US
[73] CABOT CORPORATION,
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[54] **SYSTEME DE RETENTION D'EAU D'ORAGE MODULAIRE**
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[73] J.M. SALES ASSOCIATES, INC.,
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[54] **SYSTEME DE TOITURE POUR LA PRODUCTION D'ENERGIE ELECTRIQUE**
[72] SCHNEIDER, MICHAEL AARON, US
[73] BLUESCOPE BUILDINGS NORTH AMERICA, INC.,
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[72] MURPHY, GEORGE R., US
[73] ACS TECHNICAL PRODUCTS, INC.,
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[54] **PNEU DOTE D'UN INDICATEUR SANS FIL**
[72] OJALA, JARI, FI
[72] RAISANEN, JANI, FI
[72] SOINI, TEEMU, FI
[72] ISO-KETOLA, PEKKA, FI
[72] VAPAAKOSKI, SIMO, FI
[72] TAIPALE, TERO, FI
[73] NOKIAN RENKAAT OYJ,
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[54] **ROUTING CALLERS FROM A SET OF CALLERS IN AN OUT OF ORDER SEQUENCE**
[54] **ROUTAGE D'APPELANTS A PARTIR D'UN ENSEMBLE D'APPELANTS DANS LE DESORDRE**
[72] SPOTTISWOODE, S. JAMES P., US
[72] XIE, QIAOBING, US
[73] AFINITI INTERNATIONAL HOLDINGS, LTD.,
[86] (3071165)
[87] (3071165)
[22] 2009-01-21
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[72] XIE, QIAOBING, US
[73] AFINITI INTERNATIONAL HOLDINGS, LTD.,
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[25] EN
[54] **DETERMINATION OF A MOTORCYCLE RIDER'S STATE**
[54] **DETERMINATION DE L'ETAT D'UN MOTARD**
[72] GIRAUD, DAMON JAY, CA
[72] KWONG, DOMINIQUE, CA
[73] DAMON MOTORS INC.,
[85] 2020-03-06
[86] 2018-09-06 (PCT/CA2018/051082)
[87] (WO2019/046947)
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[54] **ASYNCHRONOUSLY PROCESSING SEQUENTIAL DATA BLOCKS**
[54] **TRAITEMENT ASYNCHRONE DE BLOCS DE DONNEES SEQUENTIELLES**
[72] HARDING, EDWARD P., JR., US
[72] RILEY, ADAM D., US
[72] KINGSLEY, CHRISTOPHER H., US
[73] ALTERYX, INC.,
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[54] **PHASE CONTROL SYSTEM FOR COOLING AND HEATING OF GREENHOUSES IN OPEN OR CLOSED GREENHOUSE**
[54] **SYSTEME DE COMMANDE DE PHASE POUR LE REFROIDISSEMENT ET LE CHAUFFAGE DE SERRES OUVERTES OU FERMEES**
[72] VAN DER MAREL, JOHANNES A., MX
[71] VAN DER MAREL, JOHANNES A., MX
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[54] **MACHINE DE REMPLISSAGE**
[72] DUNSTAN, ROBERT, CA
[72] ARGUE, CHRIS, US
[72] JAKUS, DAVID, US
[72] OWENS, LARRY, US
[72] KHALER, ROB, US
[72] WALZ, MATTHEW, CA
[72] GRYWUL, REECE, CA
[71] OZZIE'S PIPELINE PADDER, INC., CA
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[54] **COMPOSITIONS PHARMACEUTIQUES POUR COLORER DES MEMBRANES ET D`AUTRES STRUCTURES BIOLOGIQUES**
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[54] **CHAPE D`EVACUATION**
[72] DUFFY, FRANK L., US
[72] CHRISTOPHER, RONALD L., JR., US
[71] DUFFY, FRANK L., US
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[54] **PROCEDE DE PRODUCTION D`HYDROCARBURES A PARTIR D`UN RESERVOIR PETROLIFERE SOUTERRAIN**
[72] DRAGANI, JARRETT, CA
[72] KASSAM, NADIM, CA
[72] ZHANG, XIN, CA
[71] CENOVUS ENERGY INC., CA
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[54] **FIXATION DE CHEMIN DE FER A UTILISER AVEC DES TRAVERSES**
[72] FAZIO, ANTHONY, US
[71] PANDROL LIMITED, GB
[22] 2018-12-21
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[51] **Int.Cl. F16B 5/00 (2006.01)**
[25] EN
[54] **LOCK ASSEMBLY TO FORM A SURFACE AND METHOD OF INSTALLATION**
[54] **ASSEMBLAGE DE VERROUILLAGE POUR FORMER UNE SURFACE ET METHODE D`INSTALLATION**
[72] SLAMA, KEVIN, CA
[71] LIVE EDGE TIMBER CO. INC., CA
[22] 2018-12-21
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[51] **Int.Cl. A24F 1/30 (2006.01) A24D 3/10 (2006.01)**
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[54] **BONG STEM FILTER**
[54] **FILTRE DE PIPE A EAU**
[72] CYR, CHRISTIAN L., CA
[71] CYR, CHRISTIAN L., CA
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[54] **INTELLIGENT WATER TANK HEATING MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION INTELLIGENT DE CHAUFFAGE D`UN RESERVOIR D`EAU**
[72] ROULEAU, PATRICK REZA, CA
[72] ALOKOZAI, EXATUALLAH, CA
[72] DUPERRON, RICHY, CA
[71] POWERQ, CA
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[54] **CANOE PORTAGE SYSTEM WITH REVERSIBLE GUNWALE CLAMPS**
[54] **SYSTEME DE TRANSPORT DE CANOT MUNI D`ETRIERS DE PLAT-BORD REVERSIBLES**
[72] HUNT, SERENA, CA
[72] RASEVIC, NIKOLA, CA
[72] ALL HASSAN MOHAMED, ABDELRHMAN, CA
[71] HUNT, SERENA, CA
[71] RASEVIC, NIKOLA, CA
[71] ALL HASSAN MOHAMED, ABDELRHMAN, CA
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[25] EN
[54] **COOKING APPARATUS**
[54] **APPAREIL DE CUISSON**
[72] FENWICK, MATTHEW JARED, CA
[71] FENWICK, MATTHEW JARED, CA
[22] 2018-12-24
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[25] EN
[54] **A METHOD OF KEEPING A SCRIBER TIP CLEAR OF MATERIAL AND AN ABLATION SCRIBER HEAD**
[54] **METHODE POUR TENIR UNE POINTE A TRACER PROPRE DE MATERIAU ET TETE DE POINTE A TRACER D`ABLATION**
[72] CAREL, ALAIN, CA
[72] ANDERSON, KIMBALL, CA
[71] CAREL, ALAIN, CA
[22] 2018-12-21
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[25] EN
[54] **ANONYMOUS LEGAL CASE INFORMATION EXCHANGE AND BIDDING PLATFORM**
[54] **PLATEFORME D`ECHANGE D`INFORMATION ANONYME SUR LES DOSSIERS JURIDIQUES ET PLATEFORME D`APPEL D`OFFRES**
[72] MOHARRAM, TAREK,, CA
[72] KLASSEN, JAKE A., CA
[71] MOHARRAM VENTURES INC., CA
[22] 2018-12-21
[41] 2020-06-21

[21] **3,028,492**
[13] A1
[51] **Int.Cl. B65D 47/32 (2006.01) B65D 47/06 (2006.01) B65D 51/16 (2006.01)**
[25] EN
[54] **VENTED SPOUT FOR A LIQUID STORAGE CONTAINER**
[54] **BEC VENTILE POUR UN CONTENANT DE STOCKAGE DE LIQUIDE**
[72] VACHON, LEANDRE, CA
[71] LE GROUPE DSD INC., CA
[22] 2018-12-21
[41] 2020-06-21

[21] **3,028,497**
[13] A1
[51] **Int.Cl. E21D 11/00 (2006.01)**
[25] EN
[54] **HELICAL SEGMENTAL LINING**
[54] **PLAQUE DE RECOUVREMENT HELICOIDE**
[72] KHORSHIDI, BEHZAD, CA
[71] KHORSHIDI, BEHZAD, CA
[22] 2018-12-24
[41] 2020-06-24

[21] **3,028,503**
[13] A1
[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/07 (2012.01) E21B 43/24 (2006.01)**
[25] EN
[54] **METHOD FOR PROFILING PRODUCTION WELL INFLOWS FOR THERMAL OIL RECOVERY PROCESSES**
[54] **METHODE D`ETABLISSEMENT DU PROFIL D`AFFLUX DES PUITS DE PRODUCTION POUR DES PROCEDES DE RECUPERATION THERMIQUE DU PETROLE**
[72] DENG, XIAOHUI, CA
[72] HUANG, HAIBO, CA
[72] TUNNEY, CATHAL JOSEPH, CA
[72] CHOWDHURI, MOHAMMAD AL AMIN KHAN, CA
[71] INNOTECH ALBERTA INC., CA
[22] 2018-12-21
[41] 2020-06-21

[21] **3,028,506**
[13] A1
[51] **Int.Cl. G06F 8/51 (2018.01) G06F 8/41 (2018.01)**
[25] EN
[54] **SOURCE TO SOURCE COMPILER, COMPILATION METHOD, AND COMPUTER-READABLE MEDIUM FOR PREDICTABLE MEMORY MANAGEMENT**
[54] **COMPILATEUR SOURCE A SOURCE, METHODE DE COMPILATION ET SUPPORT LISIBLE PAR UN ORDINATEUR POUR LA GESTION DE MEMOIRE PREVISIBLE**
[72] BOUCHARD, PHILIPPE, CA
[71] FORNUX INC., CA
[22] 2018-12-24
[41] 2020-06-24

[21] **3,028,532**
[13] A1
[51] **Int.Cl. B01D 19/02 (2006.01) C25B 15/08 (2006.01) F02M 25/12 (2006.01)**
[25] EN
[54] **METHOD OF PREVENTING FOAMING IN A HYDROGEN CELL AND A HYDROGEN CELL FABRICATED IN ACCORDANCE WITH THE METHOD**
[54] **METHODE DE PREVENTION DE MOUSSAGE DANS UNE CELLULE D`HYDROGENE ET CELLULE D`HYDROGENE FABRIQUEE CONFORMEMENT A LA METHODE**
[72] FORTUNE, DOUGLAS, CA
[71] EMPIRE HYDROGEN ENERGY SYSTEMS INC., CA
[22] 2018-12-21
[41] 2020-06-21

[21] **3,028,546**
[13] A1
[51] **Int.Cl. C25B 1/04 (2006.01) C25B 9/00 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **WATER RESERVOIR AND ELECTROLYSIS CELL COMBINATION**
[54] **COMBINAISON DE RESERVOIR D`EAU ET DE CELLULE D`ELECTROLYSE**
[72] FORTUNE, DOUGLAS, CA
[71] EMPIRE HYDROGEN ENERGY SYSTEMS INC., CA
[22] 2018-12-21
[41] 2020-06-21

[21] **3,028,561**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) F24C 1/04 (2006.01)**
[25] EN
[54] **DUAL HEAT SOURCE BARBEQUE**
[54] **BARBECUE A DEUX SOURCES DE CHALEUR**
[72] SHAPOSHNIKOV, IGOR, CA
[71] SHAPOSHNIKOV, IGOR, CA
[22] 2018-12-27
[41] 2020-06-21
[30] US (16229998) 2018-12-21

[21] **3,028,562**
[13] A1
[51] **Int.Cl. B21F 33/00 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DISPENSING AND TENSIONING FENCE WIRE**
[54] **APPAREIL ET PROCEDE DE DISTRIBUTION ET DE MISE SOUS TENSION DE CLOTURES EN FIL DE FER**
[72] COWAN, WILLIAM Q., CA
[71] COWAN, WILLIAM Q., CA
[22] 2018-12-27
[41] 2020-06-27
[30] US (16234288) 2018-12-27

[21] **3,028,565**
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[51] **Int.Cl. E04F 19/02 (2006.01) E04C 2/40 (2006.01) E04F 13/08 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **EDGE FINISHING STRUCTURE**
[54] **STRUCTURE DE PONCAGE DE BORD**
[72] CHEN, WEN-CHI, CN
[71] SHAN YEUN CO., LTD., CN
[71] 2145677 ALBERTA LTD., CA
[22] 2018-12-27
[41] 2020-06-27

[21] **3,028,644**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G01R 21/01 (2006.01) G06F 17/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING A LINE-WISE POWER FLOW ANALYSIS FOR A POWER SYSTEM**
[54] **SYSTEME ET PROCEDE POUR EFFECTUER UNE ANALYSE DE TRANSIT DE PUISSANCE PAR LIGNE POUR UN RESEAU ELECTRIQUE**
[72] VENKATESH, BALASUBRAMANIAN, CA
[72] MOHAMED, AMR ADEL FATHY, CA
[71] VENKATESH, BALASUBRAMANIAN, CA
[71] MOHAMED, AMR ADEL FATHY, CA
[22] 2018-12-27
[41] 2020-06-27

[21] **3,028,670**
[13] A1
[51] **Int.Cl. G01B 3/56 (2006.01) E04F 21/26 (2006.01) G01C 9/24 (2006.01)**
[25] EN
[54] **STAIR AND RAFTER LAYOUT GUIDE AND LEVEL SYSTEM AND METHOD OF USE**
[54] **GUIDE D`AMENAGEMENT ET SYSTEME DE NIVEAU D`ESCALIER ET DE CHEVRON, ET METHODE D`UTILISATION**
[72] SCRIBNER, JAMES, CA
[71] SCRIBNER, JAMES, CA
[22] 2018-12-28
[41] 2020-06-21
[30] US (16230190) 2018-12-21

[21] **3,028,726**
[13] A1
[51] **Int.Cl. F21L 19/00 (2006.01)**
[25] EN
[54] **COMBINATION OF AN OIL BURNING METAL CANDLE AND OIL RESERVOIR**
[54] **COMBINAISON D`UNE BOUGIE EN METAL A L`HUILE ET D`UN RESERVOIR D`HUILE**
[72] FURGASON, JESSE, CA
[71] FURGASON, JESSE, CA
[22] 2018-12-21
[41] 2020-06-21

[21] **3,028,740**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING THE ANOMALIES OF AN INFRASTRUCTURE**
[54] **PROCEDE ET APPAREIL POUR DETECTER LES ANOMALIES D`UNE INFRASTRUCTURE**
[72] CARCANO, ANDREA, IT
[72] CARULLO, MORENO, IT
[71] NOZOMI NETWORKS SAGL, CH
[22] 2018-12-27
[41] 2020-06-27

[21] **3,030,270**
[13] A1
[51] **Int.Cl. A24F 40/46 (2020.01) H05B 3/20 (2006.01)**
[25] EN
[54] **HEATING ELEMENTS AND DUAL-USE ELECTRONIC CIGARETTES HAVING THE HEATING ELEMENTS**
[54] **ELEMENTS CHAUFFANTS ET CIGARETTES ELECTRONIQUES A DOUBLE USAGE EQUIPEES D`ELEMENTS CHAUFFANTS**
[72] ZHU, XIAOCHUN, CN
[71] SHENZHEN KANGER TECHNOLOGY CO., LTD., CN
[22] 2019-01-16
[41] 2020-06-25
[30] US (16/231,989) 2018-12-25

[21] **3,030,709**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H02J 50/10 (2016.01) H02J 50/40 (2016.01) H02J 7/02 (2016.01) H05K 7/14 (2006.01)**
[25] EN
[54] **MODULAR DEVICE CHARGING STATION**
[54] **DISPOSITIF MODULAIRE D`UNE BORNE DE RECHARGE**
[72] YAMAMOTO, YASUHIRO, US
[72] LARSON, MARK, US
[72] ALVES, VINCE, US
[71] SCOSCHE INDUSTRIES, INC., US
[22] 2019-01-21
[41] 2020-06-27
[30] US (16/234,305) 2018-12-27

[21] **3,030,910**
[13] A1
[51] **Int.Cl. H01H 13/16 (2006.01) G02C 11/00 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **EAR MOVEMENT CONTROLLED SWITCH WITH WIRELESS COMMUNICATION FUNCTION**
[54] **COMMUTATEUR COMMANDE PAR LE MOUVEMENT DE L`OREILLE AVEC FONCTION DE COMMUNICATION SANS FIL**
[72] GAO, HANG, CA
[71] GAO, HANG, CA
[22] 2018-12-27
[41] 2020-06-27

[21] **3,040,846**
[13] A1
[51] **Int.Cl. F21V 21/30 (2006.01) F21K 9/00 (2016.01) F21S 9/03 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **SOLAR DISK LIGHT WITH SWIVEL MOUNT**
[54] **ECLAIRAGE DISQUE SOLAIRE AVEC BASE A ROTULE**
[72] HOLLINGER, FRED, US
[71] E. MISHAN & SONS, INC., US
[22] 2019-04-23
[41] 2020-06-24
[30] US (16/231,813) 2018-12-24

[21] **3,040,901**
[13] A1
[51] **Int.Cl. G06F 12/0842 (2016.01) G06F 9/30 (2018.01) G06F 9/38 (2018.01)**
[25] EN
[54] **INSTRUCTION CACHE IN A MULTI-THREADED PROCESSOR**
[54] **CACHE D`INSTRUCTIONS D`UN PROCESSEUR MULTIFILE**
[72] ALEXANDER, ALAN GRAHAM, GB
[72] KNOWLES, SIMON CHRISTIAN, GB
[72] GORE, MRUDULA, GB
[72] FERGUSON, JONATHAN LOUIS, GB
[71] GRAPHCORE LIMITED, GB
[22] 2019-04-23
[41] 2020-06-27
[30] GB (1821229.0) 2018-12-27

[21] **3,040,916**
[13] A1
[51] **Int.Cl. A61K 36/062 (2006.01) A61P 11/00 (2006.01) C12N 1/14 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING AND THE USE OF CORDYCEPS CICADAE MYCELIA ACTIVE SUBSTANCE FOR PREVENTING AND/OR IMPROVING ACUTE LUNG INJURY**
[54] **PROCEDE DE FABRICATION ET UTILISATION DE SUBSTANCES ACTIVES MYCELIENNES DE CORDYCEPS CICADAE POUR PREVENIR ET/OU AMELIORER LES LESIONS PULMONAIRES AIGUES**
[72] KUAN, YU-HSIANG, CN
[72] CHEN, CHIN-CHU, CN
[72] LI, I-CHEN, CN
[72] HSU, JUI-HSIA, CN
[71] GRAPE KING BIO LTD., CN
[22] 2019-04-23
[41] 2020-06-25
[30] TW (107147041) 2018-12-25

[21] **3,041,881**
[13] A1
[51] **Int.Cl. G06F 15/163 (2006.01)**
[25] EN
[54] **DATA EXCHANGE IN A COMPUTER**
[54] **ECHANGE DE DONNEES DANS UN ORDINATEUR**
[72] FELIX, STEPHEN, GB
[72] KNOWLES, SIMON CHRISTIAN, GB
[71] GRAPHCORE LIMITED, GB
[22] 2019-05-01
[41] 2020-06-21
[30] GB (1821132.6) 2018-12-21

[21] **3,044,473**
[13] A1
[51] **Int.Cl. E21B 19/02 (2006.01)**
[25] EN
[54] **FLANGE CASTING WIRELINE DRUM**
[54] **TAMBOUR DE BOBINE A BORD TOMBE COULE**
[72] EFTIMIE, GHEORGHE, CA
[71] EFTIMIE, GHEORGHE, CA
[22] 2019-05-27
[41] 2020-06-21
[30] US (62/783,639) 2018-12-21
[30] US (16/418,136) 2019-05-21

[21] **3,048,339**
[13] A1
[51] **Int.Cl. E21B 37/00 (2006.01)**
[25] EN
[54] **DRY BLEND PRE-FLUSH AND SPACER PACKAGE AND METHOD FOR MIXING AND INJECTING A PRE-FLUSH AND SPACER ON-THE-FLY TO CLEAN A SUBTERRANEAN WELL**
[54] **ENSEMBLE DE PRERINCAGE ET DE SEPARATEUR DE MELANGE A SEC ET PROCEDE DE MELANGE ET D`INJECTION D`UN PRERINCAGE ET D`UN SEPARATEUR A LA VOLEE POUR NETTOYER UN PUITS SOUTERRAIN**
[72] IREMONGER, SIMON, CA
[72] TAYLOR, JARED, CA
[71] SANJEL ENERGY SERVICES INC., CA
[22] 2019-06-28
[41] 2020-06-25
[30] US (62/794741) 2019-01-21

[21] **3,050,745**
[13] A1
[51] **Int.Cl. B61L 27/00 (2006.01) B61L 25/02 (2006.01)**
[25] EN
[54] **SELECTIVE OPERATIONAL MODES OF END-OF-TRAIN UNIT BASED ON GPS INFORMATION**
[54] **MODES DE FONCTIONNEMENT SELECTIFS DE L`UNITE DE QUEUE DE TRAIN FONDES SUR LES DONNEES DU GPS**
[72] ABROSIMOV, IGOR, US
[72] KIM, DAE, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2019-07-29
[41] 2020-06-27
[30] US (16/233,623) 2018-12-27

[21] **3,050,788**
[13] A1
[51] **Int.Cl. H02S 50/10 (2014.01)**
[25] EN
[54] **METHOD FOR PHOTOVOLTAIC MODULE FAULT DIAGNOSIS, EDGE CALCULATION PROCESSING DEVICE, AND INVERTER**
[54] **METHODE DE DIAGNOSTIC DE DEFAILLANCE D`UN MODULE PHOTOVOLTAIQUE, DISPOSITIF DE TRAITEMENT DU CALCUL DU BORD ET INVERSEUR**
[72] ZHAO, TIAN, CN
[72] YUN, PING, CN
[72] WENG, JIE, CN
[71] SUNGROW POWER SUPPLY CO., LTD., CN
[22] 2019-07-30
[41] 2020-06-24
[30] CN (201811582678.X) 2018-12-24

[21] **3,052,180**
[13] A1
[51] **Int.Cl. H01Q 3/04 (2006.01) H01Q 3/08 (2006.01) H05K 9/00 (2006.01)**
[25] EN
[54] **SATELLITE COMMUNICATION APPARATUS**
[54] **APPAREIL DE COMMUNICATION PAR SATELLITE**
[72] KATAGI, TAKESHI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION, JP
[22] 2019-08-15
[41] 2020-06-26
[30] JP (2018-242489) 2018-12-26

[21] **3,055,948**
[13] A1
[51] **Int.Cl. F01D 11/18 (2006.01) F01D 9/04 (2006.01) F01D 11/14 (2006.01)**
[25] EN
[54] **PASSIVE BLADE TIP CLEARANCE CONTROL SYSTEM FOR GAS TURBINE ENGINE**
[54] **SYSTEME DE REGLAGE DE GARDE EN EXTREMITE DES AUBES PASSIF POUR TURBINE A GAZ**
[72] KAPADIA, BEHRAM V., US
[72] MOODY, JACK K., US
[72] HUMES, RYAN C., US
[72] SNYDER, BRANDON R., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2019-09-19
[41] 2020-06-27
[30] US (16/233964) 2018-12-27

[21] **3,057,356**
[13] A1
[51] **Int.Cl. F01D 21/04 (2006.01) B64D 31/00 (2006.01) F01D 21/06 (2006.01) F02C 9/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING A GAS TURBINE ENGINE COUPLED TO AN AIRCRAFT PROPELLER**
[54] **SYSTEME ET METHODE D`EXPLOITATION D`UNE TURBINE A GAZ COUPLEE A UNE HELICE D`AERONEF**
[72] NIZAMI, SAFI, CA
[72] AHMAD, ZUBAIR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-10-01
[41] 2020-06-21
[30] US (16/229.089) 2018-12-21

[21] **3,058,831**
[13] A1
[51] **Int.Cl. F21V 21/34 (2006.01) F16B 2/02 (2006.01) F21V 21/088 (2006.01)**
[25] EN
[54] **MOUNT INTERFACE FOR LIGHT FIXTURES**
[54] **INTERFACE D`INSTALLATION D`APPAREILS D`ECLAIRAGE**
[72] BELAND, STEPHANE, CA
[72] KATZ, JAMIE, CA
[72] MILES, ANDREW, CA
[72] YAPHE, HOWARD, CA
[71] AXIS LIGHTING INC., CA
[22] 2019-10-17
[41] 2020-06-21
[30] US (62/820,083) 2019-03-18
[30] US (62/784,063) 2018-12-21

[21] **3,058,851**
[13] A1
[51] **Int.Cl. F21S 4/28 (2016.01) F21K 9/27 (2016.01) F21V 15/01 (2006.01) F21V 31/00 (2006.01)**
[25] EN
[54] **OUTDOOR LIGHT FIXTURES**
[54] **APPAREILS D`ECLAIRAGE EXTERIEURS**
[72] MILES, ANDREW, CA
[72] MIHALCEA, HRISTEA, CA
[72] YAPHE, HOWARD, CA
[71] AXIS LIGHTING INC., CA
[22] 2019-10-17
[41] 2020-06-24
[30] US (62/819,186) 2019-03-15
[30] US (62/784,662) 2018-12-24

[21] **3,059,152**
[13] A1
[51] **Int.Cl. G06F 21/40 (2013.01) G06N 20/00 (2019.01)**
[25] EN
[54] **MULTI-LAYER USER AUTHENTICATION WITH LIVE INTERACTION**
[54] **AUTHENTIFICATION D`UTILISATEUR MULTICOUCHE AVEC INTERACTION EN DIRECT**
[72] HAMM, LAURIE JEAN, US
[72] HINRICHS, PATRICIA, US
[72] PARTYKA, BRYAN C., US
[72] CASPER, MICHAEL L., US
[72] GENUS, MARYANNE, US
[72] HOLM, NATALIE, US
[72] DAHLSTRAND, CLAES, US
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-10-18
[41] 2020-06-21
[30] US (16/229,103) 2018-12-21

[21] **3,059,405**
[13] A1
[51] **Int.Cl. G09G 5/00 (2006.01) H04N 21/80 (2011.01) B60Q 3/41 (2017.01) B64D 11/00 (2006.01) F21V 9/00 (2018.01) G01N 21/84 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **AVOIDING DAZZLING OF PERSONS BY A LIGHT SOURCE**
[54] **EVITEMENT DE L`EBLOUISSEMENT DE PERSONNES PAR UNE SOURCE LUMINEUSE**
[72] BACHHUBER, MARTIN, DE
[71] DIEHL AEROSPACE GMBH, DE
[22] 2019-10-21
[41] 2020-06-21
[30] DE (102018010099.6) 2018-12-21

[21] **3,060,039**
[13] A1
[51] **Int.Cl. G01N 21/88 (2006.01) B64F 5/60 (2017.01) B64D 43/00 (2006.01) G01N 17/00 (2006.01) G01P 21/00 (2006.01)**
[25] EN
[54] **IMAGE-BASED INSPECTION FOR PHYSICAL DEGRADATION OF AN AIR DATA PROBE**
[54] **INSPECTION BASEE SUR L`IMAGE POUR DEGRADATION PHYSIQUE D`UNE SONDE DE DONNEES AERODYNAMIQUES**
[72] KUNIK, WILLIAM, US
[72] NASLUND, BRIAN BRENT, US
[72] BRAUN, SCOTT J., US
[71] ROSEMOUNT AEROSPACE INC., US
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[41] 2020-06-27
[30] US (16/233,592) 2018-12-27

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[51] **Int.Cl. C21C 5/54 (2006.01)**
[25] EN
[54] **FOAMY SLAG CONDITIONER COMPOUND**
[54] **COMPOSE DE CONDITIONNEUR LAITIER MOUSSEUX**
[72] JENNINGS, JOHN F., US
[71] HICKMAN, WILLIAMS & COMPANY, US
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[13] A1
[51] **Int.Cl. A63B 21/06 (2006.01) A63B 21/22 (2006.01)**
[25] EN
[54] **EXERCISE SYSTEM AND COMPONENTS THEREOF**
[54] **SYSTEME D`EXERCICE ET COMPOSANTS CONNEXES**
[72] LANGHOUT, CHRISTOPHER B., CA
[71] LANGHOUT, CHRISTOPHER B., CA
[22] 2019-10-29
[41] 2020-06-22
[30] US (16665269) 2019-10-28
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[13] A1
[51] **Int.Cl. B65D 23/10 (2006.01) A47J 45/07 (2006.01) B65D 25/28 (2006.01)**
[25] EN
[54] **ARTICULATED HANDLE FOR A CONTAINER**
[54] **POIGNEE ARTICULEE POUR UN CONTENANT**
[72] LEBLANC, MARC, CA
[71] CITADELLE, COOPERATIVE DE PRODUCTEURS DE SIROP D'ERABLE, CA
[22] 2019-10-29
[41] 2020-06-21
[30] US (62/783,418) 2018-12-21

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[13] A1
[51] **Int.Cl. A01N 65/22 (2009.01) A01N 31/08 (2006.01) A01N 59/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **PHYTOSANITARY COMPOSITION COMPRISING ESSENTIAL OILS THAT POTENTIATE ANTIFUNGAL ACTIVITY**
[54] **COMPOSITION PHYTOSANITAIRE COMPRENANT DES HUILES ESSENTIELLES RENFORCANT L`ACTIVITE ANTIFONGIQUE**
[72] UGALDE MARTINEZ, UNAI ONA, ES
[72] RODRIGUEZ URRA, ANA BELEN, ES
[72] UBEGUN LIZASO, AINARA, ES
[71] BIOFUNGITEK, SOCIEDAD LIMITADA, ES
[22] 2019-11-04
[41] 2020-06-24
[30] US (16231731) 2018-12-24

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[13] A1
[51] **Int.Cl. A01B 73/02 (2006.01)**
[25] EN
[54] **AGRICULTURAL APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE AGRICOLES**
[72] GRIESHOP, DUSTAN, US
[71] J. & M. MANUFACTURING CO., INC., US
[22] 2019-11-07
[41] 2020-06-21
[30] US (16/229,993) 2018-12-21

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[13] A1
[51] **Int.Cl. H04L 12/815 (2013.01) H04L 12/833 (2013.01) H04L 12/927 (2013.01) H04J 3/16 (2006.01)**
[25] EN
[54] **JITTER MANAGEMENT IN A STATISTICAL MULTIPLEXER EMPLOYING AN IP NETWORK**
[54] **GESTION DE GIGUE DANS UN MULTIPLEXEUR STATISTIQUE UTILISANT UN RESEAU IP**
[72] NEMIROFF, ROBERT S., US
[72] CHEN, JING YANG, US
[71] ARRIS ENTERPRISES LLC, US
[22] 2019-11-12
[41] 2020-06-21
[30] US (16/228,993) 2018-12-21

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[13] A1
[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **FRICTION STIR WELDING FLASH REMOVAL COMPONENT**
[54] **COMPOSANT DE RETRAIT ECLAIR POUR SOUDAGE PAR FRICTION-MALAXAGE**
[72] LARSSON, HAKAN, SE
[72] SALL, JORGEN, SE
[71] ESAB AB, SE
[22] 2019-11-13
[41] 2020-06-21
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[13] A1
[51] **Int.Cl. H04W 60/00 (2009.01) H04W 24/00 (2009.01) H04W 28/08 (2009.01)**
[25] EN
[54] **ELECTRONIC COMMUNICATION NODE LOAD BALANCING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D`EQUILIBRAGE DES CHARGES POUR NOEUD DE COMMUNICATION ELECTRONIQUE**
[72] BRAY, MICHEL, CA
[72] KNOX, ZOE, CA
[72] DILKIE, LEE, CA
[71] MITEL NETWORKS CORPORATION, CA
[22] 2019-11-15
[41] 2020-06-26
[30] US (16/232458) 2018-12-26

[21] **3,061,798**
[13] A1
[51] **Int.Cl. G01P 3/28 (2006.01) F02C 7/00 (2006.01) F04C 14/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENGINE SPEED MEASUREMENT**
[54] **SYSTEME ET METHODE POUR MESURER LA VITESSE D`UN MOTEUR**
[72] SHENOUDA, ANTWAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-11-14
[41] 2020-06-21
[30] US (62/783,934) 2018-12-21
[30] US (16/683,184) 2019-11-13

[21] **3,062,871**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/12 (2015.01) C12N 1/04 (2006.01) C12N 5/02 (2006.01) C12N 11/04 (2006.01)**
[25] EN
[54] **CELL SYSTEM AND METHOD FOR STORING CELLS**
[54] **SYSTEME DE CELLULES ET METHODE POUR STOCKER DES CELLULES**
[72] NUOPPONEN, MARKUS, FI
[72] SPENCER-FRY, JANE, GB
[72] COOPMAN, KAREN, GB
[71] UPM-KYMMENE CORPORATION, FI
[22] 2019-11-27
[41] 2020-06-21
[30] EP (18397536.6) 2018-12-21

[21] **3,063,069**
[13] A1
[51] **Int.Cl. G06Q 50/18 (2012.01) G06F 40/205 (2020.01) G06N 3/02 (2006.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MAINTAINING CONTRACT ADHERENCE**
[54] **SYSTEMES ET METHODES POUR ASSURER LE RESPECT D`UN CONTRAT**
[72] GOODSITT, JEREMY EDWARD, US
[72] WALTERS, AUSTIN, US
[72] FARIVAR, REZA, US
[72] ABAD, FARDIN ABDI TAGHI, US
[72] TAYLOR, KENNETH, US
[72] WATSON, MARK, US
[72] PHAM, VINCENT, US
[72] TRUONG, ANH, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-11-27
[41] 2020-06-21
[30] US (16/371,897) 2019-04-01
[30] US (62/783,731) 2018-12-21

[21] **3,063,753**
[13] A1
[51] **Int.Cl. A23L 23/00 (2016.01) A23L 13/00 (2016.01) A23L 13/60 (2016.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A SAUCE CONTAINING MEAT**
[54] **PROCEDE DE PRODUCTION D`UNE SAUCE CONTENANT DE LA VIANDE**
[72] DE TATA, VINCENZO, IT
[72] PONANTI, MARCELLA, IT
[72] BETTEGA, FABIO, IT
[72] SPOTTI, ANDREA, IT
[72] ALBERTI, ROBERTO, IT
[71] BARILLA G. E R. FRATELLI S.P.A., IT
[22] 2019-12-05
[41] 2020-06-21
[30] IT (102018000020899) 2018-12-21

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[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06K 9/62 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **PATENT APPLICATION IMAGE GENERATION SYSTEMS**
[54] **SYSTEMES DE PRODUCTION D`UNE IMAGE DE DEMANDE DE BREVET**
[72] GOODSITT, JEREMY EDWARD, US
[72] WALTERS, AUSTIN, US
[72] TRUONG, ANH, US
[72] PHAM, VINCENT, US
[72] ABAD, FARDIN ABDI TAGHI, US
[72] WATSON, MARK, US
[72] FARIVAR, REZA, US
[72] TAYLOR, KENNETH, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-12-05
[41] 2020-06-21
[30] US (62/784,107) 2018-12-21
[30] US (16/395,139) 2019-04-25

[21] **3,064,248**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01) A61C 5/30 (2017.01) A61C 13/30 (2006.01)**
[25] EN
[54] **DENTAL ABUTMENT CAP ASSEMBLY**
[54] **ASSEMBLAGE DE CAPUCHON DE PILIER DENTAIRE**
[72] LLOP, DANIEL R., US
[71] NATIONAL DENTEX, LLC, US
[22] 2019-12-10
[41] 2020-06-21
[30] US (62/783,288) 2018-12-21

[21] **3,064,256**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01) A61C 1/08 (2006.01)**
[25] EN
[54] **DENTAL BONE FOUNDATION GUIDE WITH BUR INSTRUMENT GUIDE FEATURES**
[54] **GUIDE DE FONDATION D`OS DENTAIRE AYANT DES CARACTERISTIQUES DE GUIDAGE DE FRAISE**
[72] LLOP, DANIEL R., US
[71] NATIONAL DENTEX, LLC, US
[22] 2019-12-10
[41] 2020-06-21
[30] US (62/783,286) 2018-12-21

[21] **3,064,372**
[13] A1
[51] **Int.Cl. B23P 19/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SINGLE-SIDED CLAMP-UP**
[54] **METHODE ET APPAREIL POUR SERRAGE A SENS UNIQUE**
[72] OBEROI, HARINDER S., US
[72] BARRICK, KEVIN MARION, US
[72] HU, CHARLES YUANXIN, US
[71] THE BOEING COMPANY, US
[22] 2019-12-10
[41] 2020-06-21
[30] US (16/230189) 2018-12-21

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[13] A1
[51] **Int.Cl. C04B 41/89 (2006.01)**
[25] EN
[54] **EBC WITH MULLITE BONDCOAT THAT INCLUDES AN OXYGEN GETTER PHASE**
[54] **REVETEMENT DE BARRIERE ENVIRONNEMENTALE AYANT UNE COUCHE DE LIAISON DE MULLITE QUI COMPREND UNE PHASE DE DEGAZEUR D`OXYGENE**
[72] LUTHRA, KRISHAN LAL, US
[72] WAN, JULIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2019-12-11
[41] 2020-06-21
[30] US (16/229,429) 2018-12-21

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[21] **3,064,651**
[13] A1
[51] **Int.Cl. A01K 1/035 (2006.01) A47C 27/14 (2006.01)**
[25] EN
[54] **PET BED**
[54] **LIT POUR ANIMAL DE COMPAGNIE**
[72] TAYLOR, CURTIS, US
[72] MISENER, AARON, US
[71] CHAGRINOVATIONS, LLC, US
[22] 2019-12-11
[41] 2020-06-21
[30] US (62/783,621) 2018-12-21
[30] US (62/913,390) 2019-10-10

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[13] A1
[51] **Int.Cl. B65H 75/22 (2006.01) B65H 75/14 (2006.01) B65H 75/20 (2006.01)**
[25] EN
[54] **COLLAPSIBLE AND ADJUSTABLE REEL**
[54] **MOULINET PLIANT ET REGLABLE**
[72] NOROUZIAN, ANDREW, IT
[71] PRYSMIAN S.P.A., IT
[22] 2019-12-12
[41] 2020-06-24
[30] US (16/231,706) 2018-12-24

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[21] **3,064,751**
[13] A1
[51] **Int.Cl. E05B 81/00 (2014.01) B60R 25/24 (2013.01) G06F 21/40 (2013.01) G07F 17/00 (2006.01)**
[25] EN
[54] **SECURE AND AUTOMATED VEHICULAR CONTROL USING MULTI-FACTOR AUTHENTICATION**
[54] **COMMANDE DE VEHICULE SECURISEE ET AUTOMATISEE UTILISANT L`AUTHENTIFICATION A FACTEURS MULTIPLES**
[72] AMMOURA, AYMAN, CA
[72] MULCAIR, DAVID, CA
[71] 2162256 ALBERTA LTD., CA
[22] 2019-12-10
[41] 2020-06-21
[30] US (16/230,857) 2018-12-21

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[13] A1
[51] **Int.Cl. E01D 15/12 (2006.01) E01D 15/133 (2006.01)**
[25] EN
[54] **MODULAR BRIDGE SYSTEM**
[54] **SYSTEME DE PONT MODULAIRE**
[72] TILL, RICHARD C., CA
[71] TILL, RICHARD C., CA
[22] 2019-12-12
[41] 2020-06-22
[30] US (16711261) 2019-12-11
[30] US (62784392) 2018-12-22

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[21] **3,064,866**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **A TIE-OFF ANCHOR DEVICE WITH MANUALLY SECURED WEIGHTS**
[54] **DISPOSITIF D`ANCRAGE DE FIXATION AVEC POIDS FIXES MANUELLEMENT**
[72] STAWYCHNY, STEVE M., US
[71] SWITCH RAIL SAFETY SYSTEMS, LLC, US
[22] 2019-12-12
[41] 2020-06-24
[30] US (16/231,730) 2018-12-24

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[21] **3,064,882**
[13] A1
[51] **Int.Cl. C04B 41/89 (2006.01)**
[25] EN
[54] **EBC WITH MULLITE BONDCOAT HAVING A NON-OXIDE SILICON CERAMIC**
[54] **REVETEMENT DE BARRIERE ENVIRONNEMENTALE AYANT UNE COUCHE DE LIAISON DE MULLITE QUI COMPREND UNE CERAMIQUE DE SILICIUM NON OXYDANTE**
[72] LUTHRA, KRISHAN LAL, US
[72] WAN, JULIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2019-12-12
[41] 2020-06-21
[30] US (16/229,468) 2018-12-21

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[13] A1
[51] **Int.Cl. B32B 13/12 (2006.01) B28B 1/16 (2006.01) B32B 27/20 (2006.01) B32B 37/15 (2006.01)**
[25] EN
[54] **CEMENTITIOUS PANELS WITH POLYMERIC-FILM FACING MATERIAL**
[54] **PANNEAUX DE CIMENT AVEC MATERIAU DE SURFACE COMPRENANT UN FILM POLYMERE**
[72] BUSCHE, BRADLEY J., US
[72] MIATUDILA, MA-IKAY, US
[72] RANDALL, BRIAN G., US
[72] BAILEY, JOSEPH J., US
[71] NATIONAL GYPSUM PROPERTIES, LLC, US
[22] 2019-12-13
[41] 2020-06-27
[30] US (62/785,341) 2018-12-27

[21] **3,065,068**
[13] A1
[51] **Int.Cl. B65D 19/38 (2006.01) B65D 19/40 (2006.01)**
[25] EN
[54] **FOOT FOR A NESTABLE PALLET**
[54] **PIED DE PALETTE EMPILABLE**
[72] JOSEP RAMON, VIOLA TERES, ES
[71] JOSEP RAMON, VIOLA TERES, ES
[22] 2019-12-12
[41] 2020-06-21
[30] EP (18382981.1) 2018-12-21

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[13] A1
[51] **Int.Cl. B23D 45/14 (2006.01) B23D 1/08 (2006.01) B23D 21/02 (2006.01)**
[25] EN
[54] **CONDUIT CUTTING ASSEMBLY**
[54] **ENSEMBLE DE COUPE DE CONDUIT**
[72] RAWLINGS, MICHAEL, US
[71] RAWLINGS, MICHAEL, US
[22] 2019-12-12
[41] 2020-06-21
[30] US (16/230,007) 2018-12-21

[21] **3,065,170**
[13] A1
[51] **Int.Cl. E02D 5/28 (2006.01) E02D 5/52 (2006.01) E02D 5/74 (2006.01)**
[25] EN
[54] **MODULAR FOUNDATION SUPPORT SYSTEMS AND METHODS INCLUDING SHAFTS WITH INTERLOCKING, SELF-ALIGNING AND TORQUE TRANSMITTING COUPLINGS**
[54] **SYSTEMES ET METHODES DE SUPPORTS DE FONDATION MODULAIRES COMPRENANT DES ARBRES A COUPLAGES IMBRIQUES, AUTOCENTREURS ET TRANSMETTEURS DE COUPLE**
[72] KAUFMAN, KEVIN, US
[72] WILKIS, MICHAEL D., US
[71] PIER TECH SYSTEMS, LLC, US
[22] 2019-12-16
[41] 2020-06-21
[30] US (16/229514) 2018-12-21

[21] **3,065,236**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 9/48 (2006.01) A61K 31/4745 (2006.01) A61P 25/14 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE FORM OF VALBENAZINE DIBESYLATE**
[54] **NOUVELLE FORME CRISTALLINE DE DIBESYLATE DE VALBENAZINE**
[72] RAHEEM, MOHAMMED A., CA
[72] ZHAO, YAJUN, CA
[72] NGUYEN, MINH TN, CA
[72] ZAKI, MOHAMED I., CA
[72] GERSTER, JENNY L., CA
[72] GREEN, STUART P., CA
[72] REY, ALLAN W., CA
[71] APOTEX INC., CA
[22] 2019-12-17
[41] 2020-06-27
[30] US (62/785371) 2018-12-27

[21] **3,065,358**
[13] A1
[51] **Int.Cl. B05D 1/38 (2006.01) B05D 1/36 (2006.01) C25D 9/02 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **METHODE DE FORMATION D`UNE PELLICULE DE REVETEMENT MULTICOUCHE**
[72] SUGIMOTO, KATSUHIKO, JP
[72] HASE, MASAKO, JP
[72] MITSUISHI, HIROSHI, JP
[72] AMBO, KEIJI, JP
[71] NIPPON PAINT AUTOMOTIVE COATINGS CO., LTD., JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2019-12-17
[41] 2020-06-21
[30] JP (2018-240069) 2018-12-21

[21] **3,065,364**
[13] A1
[51] **Int.Cl. H04N 21/84 (2011.01) H04N 21/2368 (2011.01) H04N 21/242 (2011.01) H04N 21/845 (2011.01) G10L 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING DESCRIPTIVE VIDEO**
[54] **SYSTEME ET METHODE DE PRODUCTION DE VIDEO DESCRIPTIVE**
[72] CANTON, STUART E., CA
[72] REYES SALVADOR, MAYTE, CA
[72] MCGAULEY, RYAN, CA
[72] MONTANO, ANTHONY, CA
[71] BCE INC., CA
[22] 2019-12-17
[41] 2020-06-21
[30] US (16/699,391) 2019-11-29
[30] US (62/783,677) 2018-12-21

[21] **3,065,391**
[13] A1
[51] **Int.Cl. G10L 15/22 (2006.01) G10L 17/22 (2013.01) G06F 3/16 (2006.01) G06F 17/00 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A VIRTUAL ASSISTANT**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UN ASSISTANT VIRTUEL**
[72] RULE, JEFFREY, US
[72] GIBILTERRA, KAYLYN, US
[72] BENKREIRA, ABDELKADER, US
[72] MOSSOBA, MICHAEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-12-17
[41] 2020-06-26
[30] US (16/232353) 2018-12-26

[21] **3,065,433**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01)**
[25] EN
[54] **ROCK DRILLING MACHINE, ROCK DRILLING RIG AND MEASURING METHOD**
[54] **PERFORATRICE DE ROCHES, INSTALLATION DE PERFORATRICE DE ROCHES ET METHODE DE MESURE**
[72] PIISPANEN, JUHA, FI
[72] LEINO, TIMO, FI
[72] LAUNIS, SIRPA, FI
[71] SANDVIK MINING AND CONSTRUCTION OY, FI
[22] 2019-12-18
[41] 2020-06-21
[30] EP (18215478.1) 2018-12-21

[21] **3,065,596**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **AUTONOMOUS CONNECTION MAKEUP AND EVALUATION**
[54] **REALISATION ET EVALUATION DE RACCORD AUTOMATIQUE**
[72] HELMS, MARTIN, DE
[72] HEIDECKE, KARSTEN, DE
[72] RUEHMANN, RAINER, DE
[72] THIEMANN, BJOERN, DE
[72] WIEDECKE, MICHAEL, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2019-12-17
[41] 2020-06-21
[30] US (16/229,859) 2018-12-21

[21] **3,065,602**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) B60H 1/34 (2006.01) B64D 13/00 (2006.01) F24F 13/06 (2006.01)**
[25] EN
[54] **UNIVERSAL PASSENGER SERVICE UNIT**
[54] **BLOC SERVICE PASSAGERS UNIVERSEL**
[72] GRANT, ROBERT, CA
[72] CARRICK, CHRISTOPHER, CA
[72] BRANCONNIER, LEO, CA
[72] SAFI, MARYAM, CA
[71] BOMBARDIER INC., CA
[22] 2019-12-17
[41] 2020-06-26
[30] US (62/785,222) 2018-12-26

[21] **3,065,611**
[13] A1
[51] **Int.Cl. G08B 13/16 (2006.01) G08B 29/00 (2006.01) G10L 15/00 (2013.01)**
[25] EN
[54] **DEVICE CONTROL BASED ON SIGNATURE**
[54] **COMMANDE DE DISPOSITIF AXEE SUR UNE SIGNATURE**
[72] HASHIMOTO, MARK, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-12-18
[41] 2020-06-21
[30] US (16/229,087) 2018-12-21

[21] **3,065,613**
[13] A1
[51] **Int.Cl. C22B 1/26 (2006.01) C22B 1/16 (2006.01)**
[25] EN
[54] **DEVICE AND PROCESS FOR INHIBITING PARTICULATE EMISSION BY COOLING OF DISPLACEABLE HOT PRODUCTS USING A CONVEYOR**
[54] **APPAREIL ET PROCEDE POUR L`INHIBITION DE L`EMISSION DE PARTICULES PAR REFROIDISSEMENT DE PRODUITS CHAUDS DEPLACABLES A L`AIDE D`UN CONVOYEUR**
[72] RIBEIRO, LUCILIO BERTOLDI, BR
[72] FAZOLLO, FRANCISCO MAGALHAES, BR
[71] VALE S.A., BR
[22] 2019-12-18
[41] 2020-06-27
[30] BR (BR 10 2018 0772317) 2018-12-27

[21] **3,065,615**
[13] A1
[51] **Int.Cl. H04W 4/38 (2018.01) H04W 4/021 (2018.01) G06K 9/62 (2006.01) G07G 1/00 (2006.01) G01G 23/42 (2006.01)**
[25] EN
[54] **VISUAL RECOGNITION AND SENSOR FUSION WEIGHT DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE RECONNAISSANCE VISUELLE ET DE DETECTION DE POIDS PAR FUSION DES DONNEES DE CAPTEURS**
[72] GAO, LIN, US
[72] YANG, SHIYUAN, CN
[71] GAO, LIN, US
[71] YANG, SHIYUAN, CN
[22] 2019-12-19
[41] 2020-06-21
[30] US (16/229,336) 2018-12-21

[21] **3,065,620**
[13] A1
[51] **Int.Cl. G06N 3/02 (2006.01) G06Q 10/04 (2012.01) G06N 3/04 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **PREDICTIVE ANALYSIS OF INDUSTRIAL PROCESSES**
[54] **ANALYSE PREVISIONNELLE DE PROCEDES INDUSTRIELS**
[72] KLUDT, STEVE, CA
[72] MANE, AMOL, CA
[71] CANVASS ANALYTICS, CA
[22] 2019-12-19
[41] 2020-06-21
[30] US (16/230,729) 2018-12-21

[21] **3,065,640**
[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01) B64F 5/10 (2017.01) B23Q 39/02 (2006.01) B23Q 41/04 (2006.01) B64C 1/12 (2006.01)**
[25] EN
[54] **HIGH-DENSITY ROBOTIC SYSTEM**
[54] **SYSTEME ROBOTIQUE HYPERDENSE**
[72] OBEROI, HARINDER S., US
[72] BARRICK, KEVIN MARION, US
[72] HU, CHARLES YUANXIN, US
[71] THE BOEING COMPANY, US
[22] 2019-12-19
[41] 2020-06-21
[30] US (16/230441) 2018-12-21

[21] **3,065,646**
[13] A1
[51] **Int.Cl. B60P 1/44 (2006.01) B60P 1/46 (2006.01)**
[25] EN
[54] **LIFT GATE AND MOUNTING CORRECTION SYSTEM**
[54] **SYSTEME DE HAYON ET DE CORRECTION D`INSTALLATION**
[72] HAMBARDZUMYAN, LEVON, US
[72] ABLABUTYAN, KARAPET, US
[72] BARK, PAUL, US
[72] LAFFERTY, SHERALIN, US
[71] MAXON INDUSTRIES, INC., US
[22] 2019-12-19
[41] 2020-06-21
[30] US (16/229,565) 2018-12-21

[21] **3,065,650**
[13] A1
[51] **Int.Cl. B65D 6/08 (2006.01) A45C 11/00 (2006.01) B25H 3/00 (2006.01) B65D 1/38 (2006.01) B65D 6/16 (2006.01)**
[25] EN
[54] **SOFT-SIDED STORAGE CONTAINER WITH EXOSKELETON FRAME**
[54] **RECIPIENTS DE STOCKAGE A FLANCS SOUPLES AVEC CADRE D`ENDOSQUELETTE**
[72] KUBICA, RYAN, US
[72] BUTTS, MARK, US
[72] LI, JING, CN
[72] WEED, CHRISTOPHER, US
[72] FIEVET, JAMES BLAKE, US
[72] STRENG, JARROD THOMAS, US
[71] BIG TIME PRODUCTS, LLC, US
[22] 2019-12-19
[41] 2020-06-27
[30] US (62/785,555) 2018-12-27

[21] **3,065,658**
[13] A1
[51] **Int.Cl. A01K 5/00 (2006.01) A01K 5/02 (2006.01)**
[25] EN
[54] **PET FOOD CONTAINER**
[54] **CONTENANT POUR ALIMENTS POUR ANIMAUX DE COMPAGNIE**
[72] WILSON, CHRIS, US
[72] BAGLEY, RON, US
[72] WILHELM, JOSIAH, US
[72] PINTO, SUNIL, US
[71] DOSKOCIL MANUFACTURING COMPANY, INC., US
[22] 2019-12-19
[41] 2020-06-24
[30] US (62/784,569) 2018-12-24

[21] **3,065,676**
[13] A1
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[25] EN
[54] **LOCAL EPHEMERAL LOCATION TRACKING OF MOBILE DEVICE USERS**
[54] **SUIVI D`EMPLACEMENT EPHEMERE LOCAL D`UTILISATEURS DE DISPOSITIFS MOBILES**
[72] HELMS, DAVID, US
[72] WALLACE, MARC, US
[72] YODER, SCOTT, US
[72] HARPER, MICHAEL, US
[72] NEBEKER, JAMES, US
[72] SEXTON, CHRISTOPHER, US
[71] RADIUS NETWORKS, INC., US
[22] 2019-12-18
[41] 2020-06-26
[30] US (16/232,849) 2018-12-26

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[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01)**
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[54] **DYNAMIC RESERVOIR CHARACTERIZATION**
[54] **CARACTERISATION DE RESERVOIR DYNAMIQUE**
[72] SAMSON, BARYS, GB
[72] BOGUSH, ALEKSANDR, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2019-12-19
[41] 2020-06-22
[30] US (62/784423) 2018-12-22

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[13] A1
[51] **Int.Cl. A01M 21/00 (2006.01) A01C 15/02 (2006.01)**
[25] EN
[54] **HANDHELD FLUID APPLICATOR**
[54] **APPLICATEUR DE FLUIDE PORTATIF**
[72] DUBIEL, DAVID, US
[71] CHAPIN MANUFACTURING, INC., US
[22] 2019-12-19
[41] 2020-06-21
[30] US (16/229,695) 2018-12-21

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[51] **Int.Cl. G01N 33/497 (2006.01)**
[25] EN
[54] **ALCOHOL DETECTION DEVICE WITH REDUNDANT MEASURING CHANNELS AND METHOD FOR DETECTING ALCOHOL IN BREATHING AIR**
[54] **DISPOSITIF DE DETECTION D`ALCOOL AYANT DES CANAUX DE MESURE REDONDANTS ET METHODE DE DETECTION D`ALCOOL DANS L`AIR RESPIRABLE**
[72] STOCK, BURKHARD, DE
[72] BAESLER, MALTE, DE
[71] DRAGER SAFETY AG & CO. KGAA, DE
[22] 2019-12-18
[41] 2020-06-21
[30] DE (102018009981.5) 2018-12-21

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[25] EN
[54] **MASS TUNED LADDER RUNG AND LADDER FORMED THEREWITH**
[54] **BARREAUX D`ECHELLE ACCORDES ET ECHELLE FABRIQUEE A PARTIR DE TELS BARREAUX**
[72] MEYEN, THOMAS A., US
[71] CATERPILLAR INC., US
[22] 2019-12-20
[41] 2020-06-21
[30] US (16/229960) 2018-12-21

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[25] EN
[54] **A BLINDSIDE WATERPROOFED BUILDING FOUNDATION SYSTEM AND METHOD OF FORMING SAME**
[54] **SYSTEME DE FONDATION DE BATIMENT ETANCHE CACHE ET METHODE DE FABRICATION**
[72] MILANO, STEVEN, US
[72] HERNANDEZ, PAMELA, US
[72] FERRI, LOUIS, US
[72] AVERILL, MASON, US
[71] TREMCO INCORPORATED, US
[22] 2019-12-20
[41] 2020-06-21
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[25] EN
[54] **MOBILE WELL SERVICING SYSTEM AND METHOD OF USING THE SAME**
[54] **SYSTEME MOBILE D`ENTRETIEN COURANT DE PUITS ET METHODE D`UTILISATION**
[72] STAHL, TRAVIS, CA
[72] ANSTEY, CHRIS, CA
[71] HYJACK ENERGY SERVICES INC., CA
[22] 2019-12-20
[41] 2020-06-21
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[25] EN
[54] **SYSTEM AND METHOD FOR NETWORK-BASED TRANSFERRING COMMUNICATION SESSIONS BETWEEN ENDPOINTS**
[54] **SYSTEME ET METHODE DE TRANSFERT RESEAU DE SEANCES DE COMMUNICATION ENTRE DES POINTS D`EXTREMITE DE CONNEXION**
[72] CHEN, VINCENT Y. X., CA
[72] ARRIETA, VICTOR, CA
[71] BCE INC., CA
[22] 2019-12-20
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[51] **Int.Cl. G06F 8/00 (2018.01) G06F 9/44 (2018.01) H04L 12/16 (2006.01)**
[25] EN
[54] **BUSINESS RULES PROCESSING FRAMEWORK**
[54] **CADRE DE TRAITEMENT DE REGLES ADMINISTRATIVES**
[72] SHARIFI, HAKI, CA
[72] PADRON, IVAN ALFREDO, CA
[72] ROGERS, BOB N., CA
[72] KWON, JUNSANG, CA
[71] BCE INC., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR SYSTEM GENERATED DAMAGE ANALYSIS**
[54] **SYSTEMES ET PROCEDES D`ANALYSE DE DOMMAGES AUTOMATISEE**
[72] WALSH, CONNOR, US
[72] HARASYMCZUK, REBECCA, US
[72] GORE, CALEB BRIAN SLAUGHTER, US
[72] CARMICHAEL, RYAN, US
[71] ALLSTATE INSURANCE COMPANY, US
[22] 2019-12-20
[41] 2020-06-26
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[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING PERSONAL VIDEO RECORDINGS**
[54] **SYSTEMES ET METHODES POUR GERER DES ENREGISTREMENTS VIDEO PERSONNELS**
[72] SNYDER, CHRIS, CA
[72] TARDIF, FREDERIC, CA
[72] LAVIGNE-GIROUX, SIMON, CA
[72] CARBONNEAU-LECLERC, MAXIME, CA
[71] BCE INC., CA
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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/30 (2012.01) G07C 5/00 (2006.01)**
[25] EN
[54] **REAL-TIME CARBON FOOTPRINT DETERMINATION FOR A DRIVER OF A VEHICLE**
[54] **DETERMINATION DE L`EMPREINTE CARBONE D`UN CONDUCTEUR DE VEHICULE**
[72] AMMOURA, AYMAN, CA
[72] MULCAIR, DAVID, CA
[71] 2162256 ALBERTA LTD., CA
[22] 2019-12-20
[41] 2020-06-21
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[51] **Int.Cl. G08G 5/00 (2006.01) G08G 5/04 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PLANNING FLIGHT TRAJECTORIES**
[54] **METHODE ET DISPOSITIF DE PLANIFICATION DE TRAJETS DE VOL**
[72] DE RIESE, MATHIAS, DE
[71] HARRIS ORTHOGON GMBH, DE
[22] 2019-12-19
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[54] **A DISPENSER FOR CELLULOSE PRODUCTS IN SHEET FORM**
[54] **UN DISTRIBUTEUR DE PRODUITS DE CELLULOSE EN FORME DE FEUILLE**
[72] LAZZARESCHI, LUIGI, IT
[71] SOFIDEL S.P.A., IT
[22] 2019-12-20
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[25] EN
[54] **EVENT TRIGGERING AND AUTOMATIC WAYPOINT GENERATION**
[54] **DECLENCHEUR D`EVENEMENTS ET GENERATION AUTOMATIQUE DE POINTS PASSAGE**
[72] LASTER, MATTHEW, US
[72] BATES, LAURENCE T., NZ
[71] NAVICO HOLDINGS AS, NO
[22] 2019-12-20
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[54] **SYSTEM FOR GROWING MUSHROOMS**
[54] **SYSTEME DE CULTURE DES CHAMPIGNONS**
[72] LEMMEN, JACOBUS ALEXANDER JOZEF, NL
[72] VAN DOREMAELE, MARCUS GERARDUS MARIA, NL
[71] LEMMEN, JACOBUS ALEXANDER JOZEF, NL
[71] VAN DOREMAELE, MARCUS GERARDUS MARIA, NL
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[30] NL (2022318) 2018-12-27
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[25] EN
[54] **COATING SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE REVETEMENT**
[72] PLAGEMANN, ROBERT P., US
[72] RAVINDRAN, NEENA, US
[71] TECTON PRODUCTS, LLC, US
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[41] 2020-06-27
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[51] **Int.Cl. F16L 23/08 (2006.01) F16L 23/16 (2006.01)**
[25] EN
[54] **CLAMP ASSEMBLY**
[54] **ENSEMBLE DE SERRAGE**
[72] THARP, LEE DAVID, US
[72] MCGRIFF, DONALD ALLEN, US
[72] RODGERS, ANDREW AROD, US
[71] ISCO INDUSTRIES, INC., US
[22] 2019-12-20
[41] 2020-06-27
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[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLEMENTING A SECURE DATABASE FOR STORING A PATIENT OPERATIONAL LONGITUDINAL RECORD**
[54] **SYSTEMES ET PROCEDES POUR METTRE EN OEUVRE UNE BASE DE DONNEES SECURISEE POUR STOCKER UN DOSSIER LONGITUDINAL OPERATIONNEL DE PATIENT**
[72] JOHNSON, CHRISTOPHER, US
[72] IASELLA, JEANNE, US
[72] COEN, MICHAEL, US
[71] JOHNSON, CHRISTOPHER, US
[71] IASELLA, JEANNE, US
[71] COEN, MICHAEL, US
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[54] **DRINKING IMPLEMENT WITH HIGH STRENGTH**
[54] **DISPOSITIF POUR BOIRE A HAUTE RESISTANCE**
[72] QIAN, PENGXIANG, CN
[72] XUE, JUNMING, CN
[72] WINTERSTELLER, FRITZ, DE
[72] STEDEN, FOLKER, DE
[72] UCHIDA, TAKAHISA, JP
[72] DEBRECZENY, CSABA, DE
[71] SCHOTT GLASS TECHNOLOGIES (SUZHOU) CO.LTD., CN
[22] 2019-12-20
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[30] CN (PCT/CN2018/123157) 2018-12-24

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[51] **Int.Cl. B65D 85/00 (2006.01) B33Y 80/00 (2015.01) B29C 64/00 (2017.01) B29C 45/00 (2006.01) B65D 1/09 (2006.01) B65D 1/42 (2006.01)**
[25] EN
[54] **PRESSURE-TIGHT STORAGE VESSEL CONTAINING A LIQUID**
[54] **RECIPIENT DE STOCKAGE ETANCHE A LA PRESSION QUI CONTIENT UN LIQUIDE**
[72] HUTH, BIANCA, DE
[72] KOWTUN, ALEXANDER, DE
[72] KOSCHINAT, LARS, DE
[72] MOLLENHAUER, FRANK, DE
[72] STOECKER, WINFRIED, DE
[71] EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG, DE
[22] 2019-12-20
[41] 2020-06-21
[30] EP (18 215 204.1) 2018-12-21

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[51] **Int.Cl. H01B 9/04 (2006.01) H01B 3/44 (2006.01) C08L 23/00 (2006.01)**
[25] FR
[54] **CABLE COMPRISING A SEMI-CONDUCTING LAYER THAT IS EASILY PEELED**
[54] **CABLE COMPRENANT UNE COUCHE SEMI-CONDUCTRICE FACILEMENT PELABLE**
[72] KOELBLIN, CHRISTIAN, FR
[72] MAUGIN, MELEK, FR
[71] NEXANS, FR
[22] 2019-12-20
[41] 2020-06-21
[30] FR (18 73986) 2018-12-21

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[51] **Int.Cl. H04N 21/2665 (2011.01) H04N 19/154 (2014.01)**
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[54] **COLLABORATIVE MEDIA QUALITY DETERMINATION**
[54] **DETERMINATION DE LA QUALITE D`UN SUPPORT COLLABORATIF**
[72] MAO, WEIDONG, US
[72] PRESS, JASON, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-12-20
[41] 2020-06-27
[30] US (16/234,021) 2018-12-27

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[51] **Int.Cl. H02K 11/00 (2016.01) H02K 11/05 (2016.01) H01R 13/52 (2006.01) H02K 5/22 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **INDUSTRIAL ELECTRICAL MACHINE SYSTEM AND ELECTRONICS MODULE**
[54] **SYSTEME DE MACHINE ELECTRIQUE INDUSTRIELLE ET BOITIER ELECTRONIQUE**
[72] ZHONG, SHENG, US
[72] TREMELLING, DARREN, US
[72] PERIGO, ELIO, US
[71] ABB SCHWEIZ AG, CH
[22] 2019-12-23
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[51] **Int.Cl. H02J 9/00 (2006.01) B64D 41/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **CONTROLLED HOLDUP DISCHARGE FOR IMPROVED COMPONENT RELIABILITY**
[54] **DECHARGE DE RETENTION CONTROLEE POUR LA FIABILITE D`UNE COMPOSANTE AMELIOREE**
[72] HUMAYUN, PERVAZE, IN
[72] HEGDEN, MIDHUN M., IN
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2019-12-20
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[30] IN (201811048665) 2018-12-21

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[51] **Int.Cl. G01K 11/12 (2006.01) G09F 3/02 (2006.01) G09F 3/10 (2006.01)**
[25] EN
[54] **THERMOCHROMATIC LABEL SYSTEM AND METHOD**
[54] **SYSTEME D`ETIQUETAGE THERMOCHROMIQUE**
[72] PARISEAU, BLAKE LEROY, US
[71] PARISEAU, BLAKE LEROY, US
[22] 2019-12-23
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[54] **ELECTRICAL MACHINE WITH COOLING CHANNEL**
[54] **MACHINE ELECTRIQUE DOTEE D`UN CANAL DE REFROIDISSEMENT**
[72] TSCHIDA, COLIN E., US
[72] ZHONG, SHENG, US
[72] TREMELLING, DARREN, US
[72] BEDNAROWSKI, DARIUSZ, PL
[71] ABB SCHWEIZ AG, CH
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[25] EN
[54] **SYSTEM OPERATED RESPONSIVE TO DATA BEARING RECORDS**
[54] **SYSTEME CONTROLE EN REPONSE A DES ENREGISTREMENTS DE DONNEES**
[72] ESTILL, JIM, CA
[71] DANBY PRODUCTS LIMITED, CA
[22] 2019-12-23
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[51] **Int.Cl. E02F 9/22 (2006.01) F15B 13/00 (2006.01)**
[25] EN
[54] **HYDRAULIC DRIVE DEVICE FOR INDUSTRIAL VEHICLE**
[54] **DISPOSITIF D`ENTRAINEMENT HYDRAULIQUE POUR VEHICULE INDUSTRIEL**
[72] KONDO, EISUKE, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
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[51] **Int.Cl. B60J 10/30 (2016.01)**
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[54] **RUBBER EDGE SEAL RETENTION DEVICE**
[54] **DISPOSITIF DE RETENUE DE JOINT D`ETANCHEITE SUR RIVES EN CAOUTCHOUC**
[72] NICOLE, MARTIN, CA
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[51] **Int.Cl. B21D 45/04 (2006.01)**
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[54] **STOCK LIFTER ASSEMBLY**
[54] **ENSEMBLE POUR DISPOSITIF DE LEVAGE DE MATERIAUX**
[72] BREEN, SCOTT M., US
[72] PYPER, JOEL T., US
[71] STANDARD LIFTERS, INC., US
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[51] **Int.Cl. B32B 7/02 (2019.01) B32B 13/04 (2006.01) B32B 37/15 (2006.01) E04C 2/288 (2006.01)**
[25] EN
[54] **CEMENTITIOUS PANELS WITH SWELLABLE MATERIALS AND METHODS OF PROVIDING A MOISTURE OR WATER BARRIER IN CEMENTITIOUS PANELS USING SWELLABLE MATERIALS**
[54] **PANNEAUX DE CIMENT AVEC MATERIAUX DILATABLES ET PROCEDES PERMETTANT DE FOURNIR UNE BARRIERE CONTRE L`HUMIDITE OU L`EAU DANS DES PANNEAUX DE CIMENT GRACE A DES MATERIAUX DILATABLES**
[72] STAV, ELI, US
[72] BAILEY, JOSEPH J., US
[72] BUSCHE, BRADLEY J., US
[72] RANDALL, BRIAN G., US
[71] NATIONAL GYPSUM PROPERTIES, LLC, US
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[51] **Int.Cl. E04F 13/18 (2006.01) E04F 13/077 (2006.01)**
[25] EN
[54] **SIDING PANEL ASSEMBLY**
[54] **ENSEMBLE DE PANNEAUX DE PAREMENT**
[72] MOSES,CHARLES BRYAN, JR., US
[72] ZIEMER, MICHAEL DANNY, US
[72] BROWN, RANDALL JAY, US
[72] THOMPSON, NICHOLAS DANIEL, US
[72] GREEN , DANIEL H., US
[71] ASSOCIATED MATERIALS, LLC, US
[22] 2019-11-29
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PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[54] **ACCESSORY RECOMMENDATION**
[54] **RECOMMANDATION D'ACCESSOIRE**
[72] CUI, XIQUAN, US
[72] QU, HUIMING, US
[72] AFSHAR, ESTELLE, US
[72] WU, SAN-HE, US
[71] HOME DEPOT INTERNATIONAL, INC., US
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[87] (3028213)
[30] US (16/143,723) 2018-09-27

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[51] **Int.Cl. G01C 21/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PATH DETERMINATION**
[54] **SYSTEME ET METHODES DE DETERMINATION DE PARCOURS**
[72] WANG, YANLONG, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
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[13] A1
[51] **Int.Cl. G02B 6/50 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING LOOSE TUBE FOR TOTALLY GEL-FREE FIBER OPTIC CABLE AND DEVICE FOR MOLDING THE SAME**
[54] **PROCEDE DE PRODUCTION D`UNE GAINE INTERMEDIAIRE FLOTTANTE POUR CABLE A FIBRES OPTIQUES SANS GEL ET DISPOSITIF DE MOULAGE DE CELLE-CI**
[72] YUFENG, HAN, CN
[72] PEIDONG, LIU, CN
[72] HUIPING, SHI, CN
[72] DI, WU, CN
[72] FENG, ZHOU, CN
[72] HUAQING, FEI, CN
[72] WEI, LI, CN
[72] YULIANG, WANG, CN
[71] HENGTONG OPTIC-ELECTRIC CO., LTD., CN
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[54] **BATTERY SUPPLY CIRCUITS, DEVICES TO BE CHARGED, AND CHARGING CONTROL METHODS**
[54] **CIRCUITS D'ALIMENTATION DE BATTERIE, DISPOSITIFS A CHARGER ET PROCEDES DE CONTROLE DE CHARGE**
[72] CHEN, SHEBIAO, CN
[72] ZHANG, JUN, CN
[72] ZHANG, JIALIANG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **ECOLOGICAL SYSTEM EXPLOITING KINETIC ENERGY IN VEHICLES**
[54] **SYSTEME ECOLOGIQUE EXPLOITANT L'ENERGIE CINETIQUE DANS DES VEHICULES**
[72] ESTEFAN BELLAN, ABDON MIGUEL, ES
[72] VARGAS MACHADO, CARLOS MAURICIO, CO
[72] FINO PUERTO, PEDRO ANTONIO, CO
[71] ECO ELOIC TOP SYSTEM S.L., ES
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[54] **PROCEDE DE COMMANDE DE CHARGE, DISPOSITIF DE COMMANDE DE CHARGE ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] CHEN, WEI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **DEVICES AND METHODS FOR BREWING BEVERAGES**
[54] **SYSTEMES ET PROCEDES D'INFUSION DE CAFE BOISSON**
[72] LIGHT, DAVID Y., US
[71] INNOVATIVE BREWING, LLC, US
[85] 2020-03-11
[86] 2018-08-31 (PCT/US2018/049254)
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[54] **REVERSE OSMOSIS WATER SYSTEM WITH HEAT FORWARD FUNCTION**
[54] **SYSTEME D'EAU A OSMOSE INVERSE AVEC UNE FONCTION DE TRANSFERT DE CHALEUR**
[72] HULME, CLINTON WILLIAM, US
[71] MAR COR PURIFICATION, INC., US
[85] 2020-04-07
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[54] **UTILISATION D'ALPHA-1-MICROGLOBULINE POUR LA PROTECTION DE CELLULES DE MOELLE OSSEUSE**
[72] FLYGARE, JOHAN, SE
[72] THORDARSON, EDDIE, SE
[72] AKERSTROM, BO, SE
[72] GRAM, MAGNUS GORAN, SE
[71] GUARD THERAPEUTICS INTERNATIONAL AB, SE
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[54] **DISPOSITIF DE TEST DE STRUCTURE**
[72] ROSEMEIER, MALO, DE
[72] ANTONIOU, ALEXANDROS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **METHODE D'EXPANSION DE LYMPHOCYTES**
[72] BOBISSE, SARA, CH
[72] HARARI, ALEXANDRE, CH
[72] COUKOS, GEORGE, CH
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD, CH
[85] 2020-05-01
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[54] **VEGETABLE OIL AS FOAM STABILIZER IN PU BOOTS MANUFACTURING**
[54] **HUILE VEGETALE COMME AGENT STABILISATEUR DE MOUSSE DANS LA FABRICATION DE BOTTES EN PU**
[72] BOCQUET, DAVID, FR
[72] BARAVALLE, CRISTIAN, IT
[72] ORTALDA, MARCO, IT
[71] BASF SE, DE
[85] 2020-05-01
[86] 2018-11-07 (PCT/EP2018/080461)
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[54] **IMPROVED DEVICE AND METHOD FOR MEASURING CONDENSATION AND/OR ADVANCE OF CORROSION**
[54] **DISPOSITIF ET PROCEDE AMELIORES POUR LA MESURE DE LA CONDENSATION ET/OU DE L'AVANCEMENT DE LA CORROSION**
[72] DESMET, YVES MARIE-LOUIS GABRIEL, BE
[71] D&D ISOLTECHNICS NV, BE
[85] 2020-05-01
[86] 2018-11-07 (PCT/EP2018/080466)
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[54] **BIO-ASPHALTE A BASE DE LIGNINE**
[72] LANDA, PAUL ADRIANUS, NL
[72] GOSSELINK, RICHARD JOHANNES ANTONIUS, NL
[71] STICHTING WAGENINGEN RESEARCH, NL
[71] ASFALT KENNIS CENTRUM B.V., NL
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[54] **SULFASALAZINE SALTS, PRODUCTION PROCESSES AND USES**
[54] **SELS DE SULFASALAZINE, PROCEDES DE PRODUCTION ET UTILISATIONS**
[72] MENSONIDES-HARSEMA, MARGUERITE, US
[72] BIALLECK, SEBASTIAN, DE
[71] MEDAC GESELLSCHAFT FUR KLINISCHE SPEZIALPRAPARATE MBH, DE
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[54] **PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION CONTAINING SULFASALAZINE AND / OR A SULFASALAZINE ORGANIC SALT, PRODUCTION PROCESS AND USE**
[54] **COMPOSITION PHARMACEUTIQUE POUR ADMINISTRATION ORALE CONTENANT DE LA SULFASALAZINE ET/OU UN SEL ORGANIQUE DE SULFASALAZINE, PROCEDE DE PRODUCTION ET UTILISATION**
[72] MENSONIDES-HARSEMA, MARGUERITE, US
[72] BIALLECK, SEBASTIAN, DE
[72] SCHULDT-LIEB, SONJA, DE
[71] MEDAC GESELLSCHAFT FUR KLINISCHE SPEZIALPRAPARATE MBH, DE
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[54] **THERAPIE ANTI-HUTNFR1 DE LA STEATOHEPATITE NON ALCOOLIQUE**
[72] BANTEL, HEIKE, DE
[72] PFIZENMAIER, KLAUS, DE
[72] HERRMANN, ANDREAS, CH
[71] BALIOPHARM AG, CH
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[54] **MIXTURE OF HMOS FOR REDUCING OR PREVENTING FATIGUE**
[54] **UN OU PLUSIEURS HMOS POUR REDUIRE OU PREVENIR LA FATIGUE ET/OU AMELIORER LA FOCALISATION OU LA CONCENTRATION**
[72] MCCONNELL, BRUCE, CH
[72] VIGSNÆS, LOUISE KRISTINE, DK
[72] AMUNDSEN, INGVILD DYBDRODT, DK
[71] GLYCOM A/S, DK
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[54] **GAS TURBINE ENGINE AND CONTROL METHOD**
[54] **MOTEUR A TURBINE A GAZ ET PROCEDE DE COMMANDE**
[72] BULAT, DIANA, GB
[72] SKIPPER, DORIAN, GB
[72] SMITH, MICHAEL, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MACHOIRES DE SERTISSAGE AINSI QUE PINCE DE SERTISSAGE AVEC DEUX MACHOIRES DE PINCE**
[72] WEISHEIT, BENJAMIN, DE
[72] HOLLAND-MORITZ, GEORG, DE
[72] KONIG, GERHARD, DE
[72] ENDTER, MARKO, DE
[72] LEGLER, RALF, DE
[71] RENNSTEIG WERKZEUGE GMBH, DE
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[54] **PRODUCTION OF A FLAVOUR COMPOUND IN A HOST CELL**
[54] **PRODUCTION D'UN COMPOSE AROMATIQUE DANS UNE CELLULE HOTE**
[72] CANKAR, KATARINA, NL
[72] BEEKWILDER, MARTINUS JULIUS, NL
[72] BOSCH, HENDRIK JAN, NL
[72] VAN DER SCHAFT, PETER HANS, NL
[72] WEEMEN, WILHELMINA MARIA JOHANNA, NL
[71] AXXENCE HOLDING B.V., NL
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[54] **METHOD AND APPARATUS FOR TREATING DIPLOPIA AND CONVERGENCE INSUFFICIENCY DISORDER**
[54] **METHODE ET APPAREIL POUR TRAITER LA DIPLOPIE ET LE TROUBLE DE L'INSUFFISANCE DE CONVERGENCE**
[72] KOZIAK, JOSEPH, US
[71] AMBLYOTECH INC., US
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[54] **METHOD FOR THE PRODUCTION OF AN OZONIZED OLIVE OIL**
[54] **PROCEDE DE PRODUCTION D'UNE HUILE D'OLIVE OZONISEE**
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[72] COLOGNATO, RENATO, IT
[71] ORGANICARE, LLC, US
[85] 2020-05-22
[86] 2018-11-22 (PCT/IB2018/059205)
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[54] **FLAT OPTICAL COMBINER WITH EMBEDDED OFF-AXIS ASPHERIC MIRROR FOR COMPACT REFLEX SIGHTS**
[54] **COMBINATEUR OPTIQUE PLAT AYANT UN MIROIR ASPHERIQUE HORS AXE INTEGRE POUR DES VISEURS REFLEX COMPACTS**
[72] SZAPIEL, STANISLAW, CA
[71] RAYTHEON CANADA LIMITED, CA
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[54] **METHOD AND APPARATUS FOR FORMING CONTAINERS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FORMER DES CONTENANTS**
[72] LANGEN, H. J. PAUL, CA
[71] LANCAN SYSTEMS INC., CA
[85] 2020-05-26
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[25] EN
[54] **SEQUENCE DETERMINING METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE SEQUENCE**
[72] GONG, MINGXIN, CN
[72] SUN, HAO, CN
[72] QU, BINGYU, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DISPOSITIF DE CHAUFFAGE ELECTRIQUE A ROTATION AXIALE POUR L'EXTRACTION DE TABAC**
[72] LIU, HUACHEN, CN
[72] CHEN, YIKUN, CN
[72] LIU, LEI, CN
[72] DONG, AIJUN, CN
[72] KE, WEICHANG, CN
[72] LIU, BING, CN
[72] LUO, CHENGHAO, CN
[71] HUBEI CHINA TOBACCO INDUSTRY CO., LTD., CN
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[54] **MELANGES REFRIGERANTS A FAIBLE PRP**
[72] POOLE, JOHN EDWARD, GB
[72] POWELL, RICHARD, GB
[71] RPL HOLDINGS LIMITED, GB
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[25] EN
[54] **POLYLACTIC RESIN COMPOSITIONS FOR PAPERBOARD COATING AND PAPERBOARD COATING PROCESSES USING THE COMPOSITIONS**
[54] **COMPOSITIONS DE RESINE POLYLACTIQUE POUR REVETEMENTS DE CARTON ET PROCEDES DE REVETEMENT DE CARTON UTILISANT LES COMPOSITIONS**
[72] KULSHRESTHA, AMAN, US
[72] MEIERDIERKS, ERIC, US
[72] WEED, JOSHUA, US
[72] WHITEMAN, NICOLE, US
[71] NATUREWORKS LLC, US
[85] 2020-05-26
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[54] **AMINATION OXYDATIVE DIRECTE D'HYDROCARBURES**
[72] PERIANA, ROY A., US
[72] HASHIGUCHI, BRIAN G., US
[72] PARK, SAE HUME, US
[72] GUNSALUS, NILES JENSEN, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[71] HYCONIX, INC., US
[85] 2020-05-26
[86] 2018-11-30 (PCT/US2018/063489)
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[25] EN
[54] **FOREIGN BODY EXTRACTION DEVICE**
[54] **DISPOSITIF D'EXTRACTION DE CORPS ETRANGER**
[72] BLOMMER, JUSTIN, US
[72] SMITH, BARBARA, US
[72] SCHMITT, KRYSTAL, US
[72] PINA, CHRISTOPHER, US
[72] DRAGER, ERIK, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
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[54] **PRODUCTION OF CELL-BASED VACCINES**
[54] **PRODUCTION DE VACCINS A BASE DE CELLULES**
[72] HALLET, DAMIEN, US
[71] HEAT BIOLOGICS, INC., US
[85] 2020-05-26
[86] 2018-12-03 (PCT/US2018/063582)
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[25] EN
[54] **METHOD OF OPERATING A LIQUEFIED NATURAL GAS PRODUCTION FACILITY**
[54] **PROCEDE DE FONCTIONNEMENT D'UNE INSTALLATION DE PRODUCTION DE GAZ NATUREL LIQUEFIE**
[72] MORLEY, PHILIP WILLIAM, NL
[72] KUIVENHOVEN, ANDRIES, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2020-05-26
[86] 2018-12-06 (PCT/EP2018/083889)
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[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **LATERAL FLOW ASSAY AND METHODS FOR DETECTING HIGH CONCENTRATION ANALYTES**
[54] **DOSAGE A ECOULEMENT LATERAL ET PROCEDES DE DETECTION D'ANALYTES A CONCENTRATION ELEVEE**
[72] LIU, GUOHONG, US
[71] BECTON. DICKINSON AND COMPANY, US
[85] 2020-05-26
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[25] EN
[54] **SMART CONTRACT-BASED DATA TRANSFER METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES FONDEE SUR UN CONTRAT INTELLIGENT**
[72] XU, YUZHUANG, CN
[72] ZHOU, YU, CN
[72] ZHU, TAO, CN
[72] YAO, XIANG, CN
[71] CHINA UNIONPAY CO., LTD., CN
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[51] **Int.Cl. B01D 11/02 (2006.01)**
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[54] **EXTRACTION AND PURIFICATION OF CANNABINOID COMPOUNDS**
[54] **EXTRACTION ET PURIFICATION DE COMPOSES CANNABINOIDES**
[72] MARSHALL, JOHN G., CA
[72] CAMPBELL, LESLEY G., CA
[71] BELEAVE INC., CA
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[86] 2018-11-27 (PCT/CA2018/051508)
[87] (WO2019/100172)
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[54] **EXO-AZA SPIRO INHIBITORS OF MENIN-MLL INTERACTION**
[54] **INHIBITEURS SPIRO EXO-AZA DE L'INTERACTION MENINE-MLL**
[72] DAI, XUEDONG, CN
[72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
[72] KROSKY, DANIEL JASON, US
[72] CAI, WEI, CN
[72] FU, LIQIANG, CN
[72] KONG, LINGLONG, CN
[72] LIU, YINGTAO, CN
[72] WAN, ZHAO-KUI, CN
[72] MORSCHHAUSER GEB. HERKERT, BARBARA, BE
[72] PANDE, VINEET, BE
[72] EDWARDS, JAMES PATRICK, US
[72] PATRICK, AARON NATHANIEL, US
[72] ANGIBAUD, PATRICK RENE, FR
[72] PONCELET, VIRGINIE SOPHIE, FR
[71] JANSSEN PHARMACEUTICA NV, BE
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[25] EN
[54] **COMPOSITIONS, KITS AND METHODS FOR WEED CONTROL**
[54] **COMPOSITIONS, KITS ET PROCEDES DE CONTROLE DES ADVENTICES**
[72] LIDOR-NILI, EFRAT, IL
[72] NOIVIRT-BRIK, ORLY, IL
[72] HUET, HERVE, IL
[72] SHWARTZ, IDO, IL
[71] WEEDOUT LTD., IL
[85] 2020-05-25
[86] 2018-11-28 (PCT/IL2018/051303)
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[30] US (62/591,820) 2017-11-29

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[51] **Int.Cl. G05D 1/02 (2020.01)**
[25] EN
[54] **A CONTROLLER AND METHOD FOR TRANSPORTING DEVICES**
[54] **DISPOSITIF DE COMMANDE ET PROCEDE ASSOCIES A DES DISPOSITIFS DE TRANSPORT**
[72] STADIE, ROBERT, GB
[72] WHELAN, MATTHEW, GB
[72] SIRET, GARETH, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2020-05-22
[86] 2019-01-15 (PCT/IB2019/050297)
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[51] **Int.Cl. A01K 61/60 (2017.01)**
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[54] **ROOF COVER FOR FISH FARM**
[54] **COUVERTURE DE TOIT POUR FERME PISCICOLE**
[72] HELLESOE, BERNT HENRIK, NO
[72] BIRKELAND, GUNNAR WILLIAM, NO
[72] WANVIK, LEIV GUNNAR, NO
[72] LEDERGERBER HINDERLING, CHRISTINE, CH
[72] KABBANI, ISSAM, CH
[71] UNITECH OFFSHORE AS, NO
[85] 2020-05-15
[86] 2018-11-21 (PCT/NO2018/050286)
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ANALYZING RISK ASSOCIATED WITH RESPIRATORY SOUNDS**
[54] **PROCEDE ET SYSTEME D'ANALYSE DE RISQUE ASSOCIE A DES SONS RESPIRATOIRES**
[72] VENKATA NAGA SRIPADA, NARAYANA RAO, IN
[72] VODNALA, NAVEEN KUMAR, IN
[72] YARLAGADDA, PADMA SHAYI, IN
[72] MAMIDGI, BASWARAJ, IN
[71] SALCIT TECHNOLOGIES PRIVATE LIMITED, IN
[85] 2020-05-26
[86] 2018-11-13 (PCT/IN2018/050745)
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[25] EN
[54] **ACTIVE BREATHING SYSTEM**
[54] **SYSTEME DE RESPIRATION ACTIVE**
[72] VANNESTE, VINCENT, BE
[71] BEMICRON, BE
[85] 2020-05-26
[86] 2018-12-14 (PCT/EP2018/084947)
[87] (WO2019/115763)
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[25] EN
[54] **METHOD OF PREPARING COMBUSTIBLE OIL**
[54] **PROCEDE DE FABRICATION D'HUILE DE COMBUSTION**
[72] MIYATA, KENJI, JP
[72] ARITA, KISHIO, JP
[71] FUSION GROUP HOLDINGS CO., LTD., JP
[85] 2020-04-28
[86] 2018-10-29 (PCT/JP2018/040048)
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[25] EN
[54] **PREPARATION OF A FUEL BLEND**
[54] **PREPARATION D'UN MELANGE DE CARBURANTS**
[72] NORTIO, JENNI, FI
[72] KIISKI, ULLA, FI
[72] SAIKKONEN, PIRJO, FI
[71] NESTE OYJ, FI
[85] 2020-05-26
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[25] EN
[54] **POPPING MACHINE FOR CORN, AND OTHER TYPE GRAINS AND SEEDS**
[54] **MACHINE POUR ECLATER DU MAIS A ECLATER ET D'AUTRES GRAINS ET SEMENCES**
[72] ALVAREZ DIAZ, ENRIQUE ANTONIO, MX
[71] ALVAREZ DIAZ, ENRIQUE ANTONIO, MX
[85] 2020-05-25
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[30] MX (MX/a/2018/001124) 2018-01-25

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **ANTI-CD33 AND ANTI-CD7 COMBINATION TREATMENT**
[54] **TRAITEMENT COMBINE ANTI-CD33 ET ANTI-CD7**
[72] DANIELS, TIFFANY JANE, GB
[71] BIVICTRIX THERAPEUTICS LIMITED, GB
[85] 2020-05-26
[86] 2018-11-27 (PCT/GB2018/053429)
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[25] EN
[54] **RECIRCULATING PLANT GROWING MECHANISM**
[54] **MECANISME DE CULTURE DE PLANTE A RECIRCULATION**
[72] VESTY, WARREN, CA
[71] VESTY, WARREN, CA
[85] 2020-05-27
[86] 2018-11-28 (PCT/CA2018/051518)
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[25] EN
[54] **METHOD FOR PRODUCING SPACERS FOR A WINDING UNIT AND VOLTAGE-RESISTANT SPACERS FOR CAST RESIN TRANSFORMERS**
[54] **PROCEDE SERVANT A FABRIQUER DES ECARTEURS POUR UNE UNITE D'ENROULEMENT ET ECARTEURS RESISTANTS A LA TENSION POUR DES TRANSFORMATEURS EN RESINE DE COULEE**
[72] NAVARRO, MARTIN ALSINA, BR
[72] MORENO, ANDRE LUIZ, BR
[72] SILLE, RICHARD, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2020-05-01
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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEVICE-PRESENT ELECTRONIC COMMERCE TRANSACTION CHECKOUT**
[54] **SYSTEMES ET PROCEDES POUR UNE VERIFICATION DE TRANSACTION DE COMMERCE ELECTRONIQUE EN PRESENCE DE DISPOSITIFS**
[72] COYLE, WILLIAM LEE, CA
[71] KONNECT MOBILE COMMUNICATIONS INC., CA
[85] 2020-05-26
[86] 2018-01-05 (PCT/CA2018/000005)
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[51] **Int.Cl. B60R 1/06 (2006.01)**
[25] EN
[54] **CAMERA ARM OF A CAMERA-BASED MIRROR SUBSTITUTE SYSTEM FOR A MOTOR VEHICLE**
[54] **BRAS DE CAMERA D'UN SYSTEME DE RETROVISEUR DE SUBSTITUTION UTILISANT UNE CAMERA POUR UN VEHICULE AUTOMOBILE**
[72] MIETHIG, WERNER, DE
[71] CONTINENTAL AUTOMOTIVE GMBH, DE
[85] 2020-05-26
[86] 2018-12-11 (PCT/EP2018/084404)
[87] (WO2019/121177)
[30] DE (10 2017 223 716.3) 2017-12-22
[30] DE (10 2018 205 848.2) 2018-04-17

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[51] **Int.Cl. A47L 25/00 (2006.01)**
[25] EN
[54] **AUTOMATIC AND CURRENTLESS DIRT REMOVER**
[54] **SYSTEME D'ENLEVEMENT DE SALETES AUTONOME ET SANS COURANT**
[72] ODENDAHL, SUSANNE, DE
[71] NO CRUMBS GMBH, DE
[85] 2020-05-26
[86] 2018-12-06 (PCT/EP2018/083812)
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[30] DE (10 2017 129 642.5) 2017-12-12

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[13] A1
[51] **Int.Cl. A24F 40/30 (2020.01) A24D 1/00 (2020.01)**
[25] EN
[54] **AEROSOL GENERATION**
[54] **GENERATION D'AEROSOL**
[72] BALLESTEROS GOMEZ, PABLO JAVIER, GB
[72] PHILLIPS, JEREMY, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-05-26
[86] 2018-11-15 (PCT/EP2018/081393)
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[51] **Int.Cl. C08F 2/04 (2006.01) C08F 210/02 (2006.01)**
[25] EN
[54] **PHASE-STABILIZED ETHYLENE ALPHA OLEFIN COPOLYMERIZATION PROCESS**
[54] **PROCEDE DE COPOLYMERISATION ETHYLENE-ALPHA-OLEFINE A PHASE STABILISEE**
[72] AL-HAJ ALI, MOHAMMAD, FI
[72] SLEIJSTER, HENRY, NL
[71] BOREALIS AG, AT
[85] 2020-05-27
[86] 2018-05-22 (PCT/EP2018/063384)
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[25] EN
[54] **CELL CULTURE METHODS**
[54] **PROCEDES DE CULTURE CELLULAIRE**
[72] CHEVALLIER, VALENTINE, BE
[72] KOCHANOWSKI, NADINE, BE
[72] MALPHETTES, LAETITIA, BE
[72] COOL, VINCENT ADOLPHE CAROL, BE
[71] UCB BIOPHARMA SRL, BE
[85] 2020-05-25
[86] 2018-11-29 (PCT/EP2018/083010)
[87] (WO2019/106091)
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[51] **Int.Cl. C12N 15/85 (2006.01)**
[25] EN
[54] **SYNPIII, A PROMOTER FOR THE SPECIFIC EXPRESSION OF GENES IN RETINAL PIGMENT EPITHELIUM**
[54] **SYNPIII, UN PROMOTEUR POUR L'EXPRESSION SPECIFIQUE DE GENES DANS L'EPITHELIUM PIGMENTAIRE RETINIEN**
[72] JUETTNER, JOSEPHINE, CH
[72] KROL, JACEK, CH
[72] ROSKA, BOTOND, CH
[71] FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH, CH
[85] 2020-05-27
[86] 2018-11-28 (PCT/EP2018/082880)
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[51] **Int.Cl. A01N 25/34 (2006.01) A01N 43/80 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **IMPLANTABLE ISOXAZOLINE PHARMACEUTICAL COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES D'ISOXAZOLINE IMPLANTABLE ET UTILISATIONS CORRESPONDANTES**
[72] FREEHAUF, KEITH, US
[72] BHAKAY, ANAGHA AVINASH, US
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-05-27
[86] 2018-12-11 (PCT/EP2018/084276)
[87] (WO2019/115492)
[30] US (62/597,663) 2017-12-12

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[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] FR
[54] **ORTHOSIS FOR IMMOBILIZING A JOINT**
[54] **ORTHESE DE REPOS D'UNE ARTICULATION**
[72] MILLET, DAMIEN, FR
[72] LAURENT, HUGO, FR
[72] GRANGE, ODILE, FR
[72] TREPIER-LE BELLER, MARIA LUISA, FR
[72] MARTIN, OCEANE, FR
[72] FONTAINE, THIERRY, FR
[71] MILLET INNOVATION, FR
[85] 2020-05-27
[86] 2018-12-12 (PCT/FR2018/053227)
[87] (WO2019/122610)
[30] FR (1762847) 2017-12-21

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[13] A1
[51] **Int.Cl. A61L 27/46 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **DRIED IMPLANT COMPOSITION AND INJECTABLE AQUEOUS IMPLANT FORMULATION**
[54] **COMPOSITION D'IMPLANTATION SECHEE ET FORMULATION D'IMPLANTATION AQUEUSE INJECTABLE**
[72] SUPPIGER, DANIEL, CH
[72] BUXTON, PAUL, CH
[72] KURZ, NINO, CH
[71] GEISTLICH PHARMA AG, CH
[85] 2020-05-27
[86] 2018-12-14 (PCT/EP2018/085018)
[87] (WO2019/115792)
[30] EP (17207341.3) 2017-12-14

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[51] **Int.Cl. F16J 15/3264 (2016.01) F16J 15/3272 (2016.01) B60S 1/68 (2006.01) B62D 55/088 (2006.01) F16J 15/447 (2006.01)**
[25] EN
[54] **SEAL PROTECTION MECHANISM**
[54] **MECANISME DE PROTECTION DE JOINT D'ETANCHEITE**
[72] MCCARTNEY, NEIL, GB
[71] BERNARD MCCARTNEY LIMITED, GB
[85] 2020-05-27
[86] 2018-11-28 (PCT/GB2018/053439)
[87] (WO2019/106358)
[30] GB (1719837.5) 2017-11-29

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[13] A1
[51] **Int.Cl. F16C 17/03 (2006.01) F16C 17/06 (2006.01) F16C 32/06 (2006.01)**
[25] EN
[54] **BEARING PAD FOR A HYDRO-GENERATING UNIT AND HYDRO-GENERATING UNIT WITH SUCH A BEARING PAD**
[54] **TAMPON D'APPUI DESTINE A UNE UNITE D'HYDRO-GENERATION ET UNITE D'HYDRO-GENERATION DOTEE D'UN TEL TAMPON D'APPUI**
[72] PAJACKOWSKI, PIOTR ANTONI, CH
[72] BERCHTOLD, OLIVER, CH
[71] GE RENEWABLE TECHNOLOGIES, FR
[85] 2020-05-27
[86] 2017-12-27 (PCT/IB2017/001753)
[87] (WO2019/106404)
[30] IB (PCT/IB2017/001610) 2017-12-01

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[51] **Int.Cl. E04F 15/02 (2006.01) E04F 13/08 (2006.01)**
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[54] **PANEL**
[54] **PANNEAU**
[72] HANNIG, HANS-JURGEN, DE
[72] SCHAFERS, ERICH, DE
[71] SURFACE TECHNOLOGIES GMBH & CO. KG, DE
[85] 2020-05-20
[86] 2018-11-23 (PCT/EP2018/082383)
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[25] EN
[54] **A COMPOSITION COMPRISING A COHORT OF BACTERIA**
[54] **COMPOSITION COMPRENANT UNE COHORTE DE BACTERIES**
[72] STANTON, CATHERINE, IE
[72] ROSS, PAUL, IE
[72] FITZGERALD, GER, IE
[72] RYAN, TONY, IE
[71] UNIVERSITY COLLEGE CORK, NATIONAL UNIVERSITY OF IRELAND, CORK, IE
[71] AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY (TEAGASC), IE
[85] 2020-05-20
[86] 2018-11-26 (PCT/EP2018/082615)
[87] (WO2019/102018)
[30] EP (17203671.7) 2017-11-24
[30] EP (17204531.2) 2017-11-29

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[51] **Int.Cl. E21B 33/128 (2006.01) E21B 34/06 (2006.01) E21B 43/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE INFLOW PRODUCTION RESTRICTION DEVICE**
[54] **DISPOSITIF DE LIMITATION DE PRODUCTION D'ENTREE DE FOND DE TROU**
[72] KUMAR, SATISH, CH
[71] WELLTEC OILFIELD SOLUTIONS AG, CH
[85] 2020-05-20
[86] 2018-12-03 (PCT/EP2018/083366)
[87] (WO2019/110517)
[30] EP (17205082.5) 2017-12-04

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[13] A1
[51] **Int.Cl. C08L 23/08 (2006.01) H01B 3/44 (2006.01) H01B 7/00 (2006.01) C08K 3/22 (2006.01) C08K 3/38 (2006.01)**
[25] EN
[54] **FLAME RETARDANT AND FIRE RESISTANT POLYOLEFIN COMPOSITION**
[54] **COMPOSITION DE POLYOLEFINE IGNIFUGE ET RESISTANTE AU FEU**
[72] NILSSON, SUSANNE, SE
[72] NILSSON, LINNEA, SE
[72] SULTAN, BERNT-AKE, SE
[71] BOREALIS AG, AT
[85] 2020-05-20
[86] 2018-12-11 (PCT/EP2018/084396)
[87] (WO2019/115546)
[30] EP (17206672.2) 2017-12-12

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[13] A1
[51] **Int.Cl. E05B 15/00 (2006.01) E05B 27/00 (2006.01) E05B 41/00 (2006.01) E05B 55/00 (2006.01) E05B 63/06 (2006.01) E05C 1/16 (2006.01)**
[25] EN
[54] **MODULAR CYLINDRICAL LOCKSET**
[54] **ENSEMBLE VERROU CYLINDRIQUE MODULAIRE**
[72] BARKER, KENTON H., US
[72] GOPALAKRISHNAN, SUBBIAH, IN
[72] HURLBERT, DAVID J., US
[72] WACHTENDORF, KASEY, US
[72] SOLANKI, SNEHIL, US
[72] BANGARU, DILIP, IN
[72] ROUP, AUSTIN M., US
[72] MURALI, RAKESH, NZ
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2020-05-20
[86] 2018-11-05 (PCT/US2018/059195)
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[30] US (62/581,266) 2017-11-03

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **AUTOMATICALLY PREDICTING SHIPPER BEHAVIOR USING MACHINE LEARNING MODELS**
[54] **PREDICTION AUTOMATIQUE DU COMPORTEMENT D'UN EXPEDITEUR A L'AIDE DE MODELES D'APPRENTISSAGE MACHINE**
[72] ABEBE, TED, US
[72] HOJECKI, ED, US
[72] LAVRIK, I., US
[72] RAO, VINAY, US
[72] HICKEY, DONALD, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2020-05-20
[86] 2018-11-21 (PCT/US2018/062185)
[87] (WO2019/104125)
[30] US (62/589,821) 2017-11-22
[30] US (16/197,084) 2018-11-20

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **IDENTIFYING ORGANISMS FOR PRODUCTION USING UNSUPERVISED PARAMETER LEARNING FOR OUTLIER DETECTION**
[54] **IDENTIFICATION D'ORGANISMES POUR LA PRODUCTION A L'AIDE D'UN APPRENTISSAGE DE PARAMETRES NON SUPERVISE POUR LA DETECTION DE VALEURS ABERRANTES**
[72] TAYLOR, AMELIA, US
[71] ZYMERGEN INC., US
[85] 2020-05-20
[86] 2018-11-30 (PCT/US2018/063297)
[87] (WO2019/108926)
[30] US (62/593,757) 2017-12-01

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[13] A1
[51] **Int.Cl. B21D 5/14 (2006.01) B21C 37/00 (2006.01) B21D 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR FORMING AN OVAL SHAPED HVAC DUCT**
[54] **APPAREIL ET PROCESSUS DE FORMATION D'UN CONDUIT DE HVAC DE FORME OVALE**
[72] ROSSI, JOSE E., US
[71] ROSSI, JOSE E., US
[85] 2020-05-20
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[30] US (15/843,856) 2017-12-15

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[51] **Int.Cl. A61M 15/06 (2006.01) A24B 15/16 (2020.01) A24F 1/28 (2006.01) A61K 31/465 (2006.01) A61M 11/06 (2006.01) A63B 23/18 (2006.01)**
[25] EN
[54] **USER INTERFACE AND USER EXPERIENCE FOR A VAPORIZER DEVICE**
[54] **INTERFACE UTILISATEUR ET EXPERIENCE D'UTILISATEUR POUR DISPOSITIF VAPORISATEUR**
[72] ACHTIEN, NICHOLAS, US
[72] AGHAPEKIAN, RAFFI, US
[72] ATKINS, ARIEL, US
[72] BOWEN, ADAM, US
[72] CHEUNG, BRANDON, US
[72] COHEN, GAL A., US
[72] GOULD, ALEXANDER J., US
[72] HATTON, NICHOLAS J., US
[72] HONIG, JACOB, US
[72] KANIA, CHELSEA, US
[72] MONSEES, JAMES, US
[72] WACYK, ROXOLANA, US
[72] XING, CHENYUE, US
[72] YOST, CASEY, US
[71] JUUL LABS, INC., US
[85] 2020-05-21
[86] 2018-11-21 (PCT/US2018/062328)
[87] (WO2019/104227)
[30] US (62/590,107) 2017-11-22

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[51] **Int.Cl. B60W 30/08 (2012.01) B60W 30/18 (2012.01) G01C 21/20 (2006.01) G08G 9/02 (2006.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE OPERATIONAL MANAGEMENT SCENARIOS**
[54] **SCENARIOS DE GESTION DE FONCTIONNEMENT DE VEHICULE AUTONOME**
[72] WRAY, KYLE HOLLINS, US
[72] WITWICKI, STEFAN, US
[72] ZILBERSTEIN, SHLOMO, US
[71] NISSAN NORTH AMERICA, INC., US
[71] THE UNIVERSITY OF MASSACHUSETTS, US
[85] 2020-05-27
[86] 2017-11-30 (PCT/US2017/064089)
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[51] **Int.Cl. E21B 47/107 (2012.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01) G01V 1/40 (2006.01)**
[25] EN
[54] **PRODUCTION MONITORING**
[54] **SURVEILLANCE DE PRODUCTION**
[72] THERRIEN, JASON EDWARD, US
[72] JAASKELAINEN, MIKKO, US
[72] SHEN, YIJIE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-05-27
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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 23/12 (2006.01)**
[25] EN
[54] **STEERING PAD OVEREXTENSION PREVENTION FOR ROTARY STEERABLE SYSTEM**
[54] **PREVENTION DE SUREXTENSION DE PATIN DE DIRECTION POUR SYSTEME ORIENTABLE ROTATIF**
[72] DOUD, BRIAN LEE, US
[72] DEOLALIKAR, NEELESH V., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-05-27
[86] 2018-03-02 (PCT/US2018/020783)
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[51] **Int.Cl. H04L 9/06 (2006.01)**
[25] EN
[54] **RE-ENCRYPTING DATA ON A HASH CHAIN**
[54] **RECHIFFREMENT DE DONNEES SUR UNE CHAINE DE HACHAGE**
[72] PENTLAND, IAN R., US
[72] SCOTT, GLENN, US
[72] MEIKE, ROGER, US
[72] GABRIEL, MICHAEL R., US
[71] INTUIT INC., US
[85] 2020-05-27
[86] 2018-08-01 (PCT/US2018/044802)
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[30] US (15/852,345) 2017-12-22

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[51] **Int.Cl. G06F 17/00 (2019.01) G06F 40/20 (2020.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING PERSONALIZED SELF-HELP EXPERIENCE**
[54] **PROCEDE ET APPAREIL DE FOURNITURE D'EXPERIENCE DE DEVELOPPEMENT PERSONNEL PERSONNALISEE**
[72] DAIANU, MADELAINE, US
[72] MORIN, YAO, US
[72] WEI, LING FENG, US
[72] PETERS, CHRIS, US
[72] JECZMIEN, ITAI, US
[71] INTUIT INC., US
[85] 2020-05-27
[86] 2018-08-06 (PCT/US2018/045377)
[87] (WO2019/108276)
[30] US (15/824,883) 2017-11-28

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[51] **Int.Cl. B60T 15/02 (2006.01)**
[25] FR
[54] **BRAKING SYSTEM FOR A RAILWAY VEHICLE**
[54] **SYSTEME DE FREINAGE POUR VEHICULE FERROVIAIRE**
[72] LAGORS, FREDERIC, FR
[72] NEGRELLO, QUENTIN, FR
[72] CROSNIER, GUILLAUME, FR
[71] FAIVELEY TRANSPORT AMIENS, FR
[85] 2020-05-20
[86] 2018-12-11 (PCT/FR2018/053180)
[87] (WO2019/115925)
[30] FR (1762249) 2017-12-15

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[13] A1
[51] **Int.Cl. B65D 23/08 (2006.01) B65D 77/06 (2006.01)**
[25] FR
[54] **BOTTLE IN PARTICULAR FOR BEVERAGES, IN PARTICULAR FOR ALCOHOLIC BEVERAGES, OR FOR COSMETIC PRODUCTS OR FRAGRANCES**
[54] **BOUTEILLE EN PARTICULIER POUR BOISSONS NOTAMMENT POUR BOISSONS ALCOOLISEES OU POUR PRODUITS COSMETIQUES OU PARFUMS**
[72] DE GAVELLE DE ROANY, JAMES, FR
[72] LAURENT, SEVERINE, FR
[71] GREEN GEN TECHNOLOGIES, FR
[85] 2020-05-20
[86] 2018-12-13 (PCT/FR2018/053272)
[87] (WO2019/115961)
[30] FR (1762244) 2017-12-15

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[13] A1
[51] **Int.Cl. B62B 5/04 (2006.01)**
[25] EN
[54] **TROLLEY AND MECHANICAL BRAKING SYSTEM THEREFOR**
[54] **CHARIOT ET SON SYSTEME DE FREINAGE MECANIQUE**
[72] BRUNNER, YARON, IL
[72] MENASHRI, OMER, IL
[72] SHANY, IZHAR, IL
[72] PARIZER, URI, IL
[72] SQUIERS, GRANT T., US
[71] KETER PLASTIC LTD., IL
[71] MILWAUKEE ELECTRIC TOOL CORPORATION, US
[85] 2020-05-20
[86] 2018-12-20 (PCT/IL2018/051381)
[87] (WO2019/123465)
[30] US (62/608,302) 2017-12-20
[30] US (62/609,985) 2017-12-22
[30] US (62/686,301) 2018-06-18
[30] US (PCT/US2018/044629) 2018-07-31

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[51] **Int.Cl. G01M 3/26 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **DETERMINING GAS LEAK FLOW RATE IN A WELLBORE ENVIRONMENT**
[54] **DETERMINATION DE DEBIT DE FUITE DE GAZ DANS UN ENVIRONNEMENT DE PUITS DE FORAGE**
[72] FILIPPOV, ANDREY, US
[72] LU, JIANXIN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2020-05-27
[86] 2018-03-08 (PCT/US2018/021615)
[87] (WO2019/139639)
[30] US (62/615,114) 2018-01-09

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[13] A1
[51] **Int.Cl. G01B 11/02 (2006.01) A61J 3/00 (2006.01)**
[25] EN
[54] **DIMENSION MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE DE DIMENSIONS**
[72] SHIRAHARA, YOSHINORI, JP
[72] MISHIMA, HAJIME, JP
[72] TOMIOKA, YUYA, JP
[72] NISHIO, MASASHI, JP
[71] YUYAMA MFG. CO., LTD., JP
[85] 2020-05-20
[86] 2018-11-16 (PCT/JP2018/042471)
[87] (WO2019/102944)
[30] JP (2017-226835) 2017-11-27

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[13] A1
[25] EN
[54] **DOMAIN-SPECIFIC NATURAL LANGUAGE UNDERSTANDING OF CUSTOMER INTENT IN SELF-HELP**
[54] **COMPREHENSION DU LANGAGE NATUREL SPECIFIQUE A UN DOMAINE DE L'INTENTION DU CLIENT DANS L'AUTO-ASSISTANCE**
[72] DAIANU, MADELAINE, US
[72] MORIN, YAO, US
[72] LUNT, JONATHAN, US
[72] CESSNA, JOSEPH B., US
[71] INTUIT INC., US
[85] 2020-05-27
[86] 2018-08-01 (PCT/US2018/044779)
[87] (WO2019/118007)
[30] US (15/844,475) 2017-12-15

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/80 (2006.01)**
[25] EN
[54] **A WEAR MEMBER FOR A WORK TOOL**
[54] **ELEMENT D'USURE POUR UN OUTIL DE TRAVAIL**
[72] BJERKE, NATHAN, US
[71] CATERPILLAR INC., US
[85] 2020-05-27
[86] 2018-10-15 (PCT/US2018/055792)
[87] (WO2019/108313)
[30] US (15/826,942) 2017-11-30

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[51] **Int.Cl. G01D 21/02 (2006.01) G01J 3/45 (2006.01) G01J 5/02 (2006.01) G01L 19/00 (2006.01)**
[25] EN
[54] **MULTI-CAVITY ALL-GLASS INTERFEROMETRIC SENSOR FOR MEASURING HIGH PRESSURE AND TEMPERATURE**
[54] **CAPTEUR INTERFEROMETRIQUE ENTIEREMENT EN VERRE A CAVITES MULTIPLES POUR MESURER UNE PRESSION ET UNE TEMPERATURE ELEVEES**
[72] PROVENZANO, DAN RAYMOND, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2020-05-27
[86] 2018-10-15 (PCT/US2018/055815)
[87] (WO2019/094148)
[30] US (62/584,393) 2017-11-10

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[51] **Int.Cl. E02F 9/26 (2006.01) B60K 35/00 (2006.01) B60W 50/08 (2020.01) E02F 9/20 (2006.01)**
[25] EN
[54] **OPERATOR ASSISTANCE VISION SYSTEM**
[54] **SYSTEME DE VISION D'ASSISTANCE A L'OPERATEUR**
[72] MIANZO, LAWRENCE A., US
[72] HOFFELDER, MICHAEL, US
[71] CATERPILLAR INC., US
[85] 2020-05-27
[86] 2018-11-08 (PCT/US2018/059842)
[87] (WO2019/108363)
[30] US (15/828,571) 2017-12-01

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[13] A1
[51] **Int.Cl. G16H 80/00 (2018.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR EVALUATING COMPLIANCE OF COMMUNICATION OF A DISPATCHER**
[54] **PROCEDES ET SYSTEMES D'EVALUATION DE LA CONFORMITE DE LA COMMUNICATION D'UN REPARTITEUR**
[72] HO, SHYAN JENQ, MY
[72] V K CHACKO, V. C. PRAKASH, MY
[72] KHOO, KAI BOON, MY
[72] CHE AT, MOHD HISHAM MUDDIN, MY
[72] LIAW, WEI LING CECILIA, MY
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2020-05-27
[86] 2018-11-19 (PCT/US2018/061787)
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[51] **Int.Cl. C07D 405/04 (2006.01) C07D 311/76 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2-(5-METHOXYISOCHROMAN-1 -YL)-4,5-DIHYDRO-1 H-IMIDAZOLE AND THE HYDROGENSULFATE SALT THEREOF**
[54] **PROCEDE DE PREPARATION DE 2-(5-METHOXYISOCHROMAN-1-YL)-4,5-DIHYDRO-1H-IMIDAZOLE ET UN SEL D'HYDROGENOSULFATE ASSOCIE**
[72] LAITINEN, ILPO, FI
[72] LESKINEN, MIKKO, FI
[72] MAKELA, MIKKO, FI
[71] ORION CORPORATION, FI
[85] 2020-05-27
[86] 2018-11-30 (PCT/FI2018/050864)
[87] (WO2019/106238)
[30] FI (20176085) 2017-12-01

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[51] **Int.Cl. B01L 3/00 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **MICROTITER PLATES DESIGNED FOR HIGH-THROUGHPUT SCREENING OF PIERCING-SUCKING PESTS SUCH AS ARTHROPODS**
[54] **PLAQUES DE MICROTITRAGE CONCUES POUR UN CRIBLAGE A HAUT RENDEMENT D'ORGANISMES NUISIBLES PERFORANTS-ASPIRANTS TELS QUE DES ARTHROPODES**
[72] DAILEY, JUSTIN, JEONG, US
[72] DRIVER, MARION, ELLIS, US
[71] BAYER CROPSCIENCE LP, US
[85] 2020-05-27
[86] 2018-11-20 (PCT/US2018/061908)
[87] (WO2019/103986)
[30] US (62/590,860) 2017-11-27

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[13] A1
[51] **Int.Cl. B23B 27/04 (2006.01)**
[25] EN
[54] **HIGH FEED PARTING-OFF INSERT FOR NARROW-WIDTH PARTING OPERATIONS**
[54] **INSERT DE SEPARATION A ALIMENTATION ELEVEE POUR OPERATIONS DE SEPARATION A LARGEUR ETROITE**
[72] GUY, YAAKOV, IL
[71] ISCAR LTD., IL
[85] 2020-05-27
[86] 2018-10-24 (PCT/IL2018/051136)
[87] (WO2019/111240)
[30] US (62/594,143) 2017-12-04

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[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 33/14 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CEMETING AND CLEANING A RESERVOIR LINER**
[54] **PROCEDE ET APPAREIL DE CIMENTATION ET DE NETTOYAGE D'UNE CREPINE DE RESERVOIR**
[72] LEISTAD, HANS MARTIN, NO
[72] GIRDLER, DONALD R., US
[72] KVARME, LEIF ARNE, NO
[71] CONOCOPHILLIPS COMPANY, US
[85] 2020-05-27
[86] 2018-11-20 (PCT/US2018/061922)
[87] (WO2019/103992)
[30] US (62/591,043) 2017-11-27
[30] US (16/195,541) 2018-11-19

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[13] A1
[51] **Int.Cl. E21B 37/00 (2006.01) E21B 31/03 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WASHING AN UPPER COMPLETION**
[54] **PROCEDE ET APPAREIL DE LAVAGE DE COMPLETION SUPERIEURE**
[72] WOIE, RUNE, NO
[71] CONOCOPHILLIPS COMPANY, US
[85] 2020-05-27
[86] 2018-11-20 (PCT/US2018/061957)
[87] (WO2019/104007)
[30] US (62/591,025) 2017-11-27
[30] US (16/196,207) 2018-11-20

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[13] A1
[51] **Int.Cl. B30B 11/08 (2006.01) B30B 15/02 (2006.01)**
[25] EN
[54] **DIE INSERTION TOOL**
[54] **OUTIL D'INSERTION DE MATRICE**
[72] KLOPP, MICHAEL, US
[71] BAYER HEALTHCARE LLC, US
[85] 2020-05-27
[86] 2018-11-27 (PCT/US2018/062515)
[87] (WO2019/108498)
[30] US (62/592,675) 2017-11-30
[30] US (62/677,420) 2018-05-29

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[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01) B23C 5/22 (2006.01)**
[25] EN
[54] **TRIANGULAR-SHAPED INDEXABLE CUTTING INSERT HAVING RECESSED SIDE SURFACES AND ROTARY CUTTING TOOL**
[54] **PLAQUETTE DE COUPE INDEXABLE DE FORME TRIANGULAIRE AYANT DES SURFACES LATERALES EVIDEES ET OUTIL DE COUPE ROTATIF**
[72] MEN, YURI, IL
[71] ISCAR LTD., IL
[85] 2020-04-17
[86] 2018-10-22 (PCT/IL2018/051126)
[87] (WO2019/097505)
[30] US (62/588,461) 2017-11-20

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[13] A1
[51] **Int.Cl. A61K 38/20 (2006.01)**
[25] EN
[54] **COMBINED THERAPY AND PROPHYLAXIS FOR GENITAL TRACT INFECTIONS**
[54] **POLYTHERAPIE ET PROPHYLAXIE CONTRE DES INFECTIONS DU TRACTUS GENITAL**
[72] RUSSELL, MICHAEL W., US
[72] LIU, YINGRU, US
[72] EGILMEZ, NEJAT K., US
[71] THE RESEARCH FOUNDATION OF THE STATE UNIVERSITY OF NEW YORK, US
[85] 2020-05-27
[86] 2018-11-27 (PCT/US2018/062590)
[87] (WO2019/108528)
[30] US (15/824,700) 2017-11-28
[30] US (16/138,526) 2018-09-21

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[13] A1
[51] **Int.Cl. A61H 31/02 (2006.01) A61H 31/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING CONTINUOUS NEGATIVE ABDOMINAL PRESSURE**
[54] **DISPOSITIF DE PRODUCTION DE PRESSION ABDOMINALE NEGATIVE CONTINUE**
[72] KAVANAGH, BRIAN PATRICK (DECEASED), CA
[72] ENGELBERTS, DOREEN, CA
[72] YOSHIDA, TAKESHI, JP
[72] LOOI, THOMAS, CA
[72] GORDON, PETER ALEXANDER, CA
[72] AI XIN JUE LUO, KEVIN, CA
[72] SAAB, RAMI, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2020-04-22
[86] 2018-11-21 (PCT/CA2018/051478)
[87] (WO2019/100152)
[30] US (62/589,285) 2017-11-21

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/00 (2006.01) A61K 31/7088 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **GENE THERAPY FOR OCULAR IMPROVEMENT**
[54] **THERAPIE GENIQUE POUR L'AMELIORATION DES FONCTIONS OCULAIRES**
[72] TARABORELLI, DONNA, US
[72] YOO, JESSE, US
[72] NORONHA, GLENN, US
[72] COOPER, MARK J., US
[72] MOEN, ROBERT C., US
[72] WHITE, DANIEL, US
[71] COPERNICUS THERAPEUTICS, INC., US
[71] CLEARSIDE BIOMEDICAL, US
[85] 2020-05-27
[86] 2018-11-28 (PCT/US2018/062712)
[87] (WO2019/108570)
[30] US (62/592,033) 2017-11-29
[30] US (62/748,788) 2018-10-22

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[13] A1
[25] EN
[54] **STERILE ADDITIVE MANUFACTURING SYSTEM**
[54] **SYSTEME DE FABRICATION ADDITIVE STERILE**
[72] DEVLIN, JAMES ALASTAIR, GB
[72] KESTI, MATTI JAAKKO JOHANNES, CH
[71] AUREGEN BIOTHERAPEUTICS SA, CH
[85] 2020-05-27
[86] 2018-11-29 (PCT/IB2018/059476)
[87] (WO2019/106606)
[30] US (62/592,202) 2017-11-29
[30] US (62/652,757) 2018-04-04

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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) H04W 12/02 (2009.01)**
[25] EN
[54] **INFORMATION SECURITY/PRIVACY VIA A DECOUPLED SECURITY ACCESSORY TO AN ALWAYS LISTENING ASSISTANT DEVICE**
[54] **SECURITE/CONFIDENTIALITE D'INFORMATIONS AU MOYEN D'UN ACCESSOIRE DE SECURITE DECOUPLE POUR UN DISPOSITIF D'AIDE A L'ECOUTE CONTINUELLE**
[72] MAI, XIAO, US
[71] MAI, XIAO, US
[85] 2020-05-13
[86] 2018-11-09 (PCT/US2018/060110)
[87] (WO2019/099302)
[30] US (15/812,679) 2017-11-14
[30] US (16/010,725) 2018-06-18

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[13] A1
[25] EN
[54] **SINGLE-SIDED THREE-WAY INDEXABLE MILLING INSERT HAVING HIGH VOID VOLUME TO MATERIAL VOLUME RATIO AND INSERT MILL THEREFOR**
[54] **INSERT DE FRAISAGE INDEXABLE A TROIS VOIES MONOFACE AYANT UN RAPPORT VOLUME DE VIDE SUR VOLUME DE MATERIAU ELEVE ET FRAISE A INSERT CORRESPONDANTE**
[72] HECHT, GIL, IL
[72] BALLAS, ASSAF, IL
[71] ISCAR LTD., IL
[85] 2020-05-27
[86] 2018-11-26 (PCT/IL2018/051280)
[87] (WO2019/106657)
[30] US (62/592,687) 2017-11-30

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[13] A1
[51] **Int.Cl. B23K 9/04 (2006.01) B23K 9/12 (2006.01) B23K 37/02 (2006.01) B23P 6/04 (2006.01) F16L 55/18 (2006.01) F16L 55/28 (2006.01) G21C 17/017 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR REPAIRING A TUBULAR STRUCTURE**
[54] **PROCEDES ET APPAREIL DE REPARATION D'UNE STRUCTURE TUBULAIRE**
[72] NIEMEYER, FREDERIK GEERT, CA
[71] CANDU ENERGY INC., CA
[85] 2020-05-20
[86] 2018-11-28 (PCT/CA2018/051513)
[87] (WO2019/104427)
[30] US (62/591,755) 2017-11-28

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[13] A1
[25] EN
[54] **METHODS OF TREATING AUTOIMMUNE DISEASE**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE**
[72] SANTAMARIA, PEDRO, CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2020-05-27
[86] 2018-11-28 (PCT/IB2018/001520)
[87] (WO2019/106435)
[30] US (62/591,921) 2017-11-29
[30] US (62/636,520) 2018-02-28
[30] US (62/641,607) 2018-03-12

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[13] A1
[51] **Int.Cl. A23L 3/3508 (2006.01) A21D 15/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE PRESERVATION OF BREAD**
[54] **COMPOSITION POUR LA CONSERVATION DU PAIN**
[72] VERHEEZEN, JACOBUS JOHANNES ADRIANA MARIA, NL
[72] SLIEKERS, ARNE OLAV, NL
[72] OLDS, JABIN DEAN, US
[71] PURAC BIOCHEM B.V., NL
[85] 2020-05-27
[86] 2018-11-30 (PCT/NL2018/050804)
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[30] NL (PCT/NL2017/050797) 2017-11-30

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[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL LTD, IN
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[54] **SYSTEM AND METHOD FOR INSPECTING A RAIL USING MACHINE LEARNING**
[54] **SYSTEME ET PROCEDE D'INSPECTION D'UN RAIL UTILISANT UN APPRENTISSAGE AUTOMATIQUE**
[72] GILBERT, DAVID HENRY, GB
[71] SPERRY RAIL HOLDINGS, INC., US
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[54] **PROCEDE D'HYDROFORMYLATION**
[72] BIGI, MARINUS A., US
[72] BRAMMER, MICHAEL A., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
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[54] **METHOD AND SYSTEM FOR DRIVING MODE SWITCHING BASED ON SELF-AWARE CAPABILITY PARAMETERS IN HYBRID DRIVING**
[54] **PROCEDE ET SYSTEME DE COMMUTATION DE MODE DE CONDUITE SUR LA BASE DE PARAMETRES DE CAPACITE DE CONSCIENCE DE SOI DANS UNE CONDUITE HYBRIDE**
[72] ZHENG, HAO, US
[72] LIU, DAVID WANQIAN, US
[72] DALY, TIMOTHY PATRICKJ, JR., US
[71] PLUSAI CORP, US
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[54] **OPTIMISATION DE DEMANDES DE TRANSPORT**
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[72] LIN, CHARLIE, US
[72] MALEK, YUANYUAN, US
[72] SHEN, LIMIN, US
[71] LYFT, INC., US
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[54] **PHARMACEUTICAL COMPOSITION FOR CANCER THERAPY COMPRISING MIRNA**
[54] **COMPOSITION PHARMACEUTIQUE THERAPEUTIQUE POUR LE CANCER COMPRENANT UN MIARN**
[72] TAHARA, HIDETOSHI, JP
[72] KINEHARA, MASAKI, JP
[72] YAMAMOTO, YUKI, JP
[71] HIROSHIMA UNIVERSITY, JP
[71] 3-D MATRIX, LTD., JP
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[54] **POWDER PREPARATION FOR NASAL ADMINISTRATION**
[54] **PREPARATION EN POUDRE DESTINEE A ETRE ADMINISTREE PAR VOIE NASALE**
[72] MINATO, KOICHI, JP
[72] FUJISAWA, TOMOYA, JP
[72] SHIMIZU, KENJI, JP
[72] SAITO, TAKAHISA, JP
[72] YAJIMA, HIROYA, JP
[72] SASAKI, KAZUHIRO, JP
[71] ASKA PHARMACEUTICAL CO., LTD., JP
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[54] **RAILWAY CAR HATCH COVER LATCH**
[54] **VERROU DE COUVERCLE DE TRAPPE DE WAGON DE CHEMIN DE FER**
[72] WARREN, RICHARD, US
[71] AMSTED RAIL COMPANY, INC., US
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[25] EN
[54] **METHODS AND SYSTEMS FOR PROTECTING COMPUTER NETWORKS BY MODULATING DEFENSES**
[54] **PROCEDES ET SYSTEMES DE PROTECTION DE RESEAUX INFORMATIQUES PAR MODULATION DES DEFENSES**
[72] TRAMA, FRANCESCO, US
[71] VIPER NETWORK SYSTEMS, LLC D/B/A PACKETVIPER, LLC, US
[85] 2020-05-27
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[54] **ANTI-CHYMASE APTAMER AND USE FOR SAME**
[54] **APTAMERE ANTI-CHYMASE, ET SON UTILISATION**
[72] YAMAZAKI, SATOKO, JP
[72] NONAKA, YOSUKE, JP
[72] NAKAMURA, YOSHIKAZU, JP
[72] MURAGUCHI, MASAHIRO, JP
[72] MURATA, KAORI, JP
[71] RIBOMIC INC., JP
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[54] **THERAPIE GENIQUE POUR MUCOPOLYSACCHARIDOSE DE TYPE IIIB**
[72] WILSON, JAMES M., US
[72] HINDERER, CHRISTIAN, US
[72] HORDEAUX, JULIETTE, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2020-05-27
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[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/52 (2006.01) C22C 38/58 (2006.01) B01D 3/32 (2006.01) B01J 19/02 (2006.01) B22F 3/15 (2006.01) C07C 273/04 (2006.01)**
[25] EN
[54] **DUPLEX STAINLESS STEELS AND USES THEREOF**
[54] **ACIERS INOXYDABLES DUPLEX ET LEURS UTILISATIONS**
[72] PACI, GIULIO, IT
[72] QUATTROCCHI, MARA, IT
[72] CARLESSI, LINO, IT
[72] SERRAFERO, ALBERTO, IT
[71] SAIPEM S.P.A., IT
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[54] **APPAREIL ET PROCEDE DE REGLAGE D'ECLAIRAGE DE VEHICULE EN REPONSE A UN SYSTEME DE CAMERA**
[72] KUEHNLE, ANDREAS U., US
[72] BOON, CATHY L., US
[71] BENDIX COMMERICAL VEHICLE SYSTEMS LLC, US
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[51] **Int.Cl. A47G 29/122 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUSES FOR SECURING DELIVERIES**
[54] **SYSTEMES, PROCEDES ET APPAREILS PERMETTANT LA SECURISATION DE LIVRAISONS**
[72] RUFFKESS, BRAD A., US
[72] ECHEVARRIA, HUGO GIRALT, US
[72] VANCHINATHAN, SIDDHARTH, US
[72] MUNOZ, ALEJANDRO CASTILLEJO, US
[72] GLASS, MICHAEL, US
[71] BOXLOCK, INC., US
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[87] (WO2019/108643)
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[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/00 (2006.01) C12Q 1/68 (2018.01)**
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[54] **ENGINEERED DNA BINDING PROTEINS**
[54] **PROTEINES DE LIAISON A L'ADN MODIFIEES**
[72] TAGLIATELA, STEPHANIE, US
[72] TANENHAUS, ANNE, US
[72] RAMAMOORTHI, KARTIK, US
[72] YOUNG, ANDREW, US
[72] OBERKOFLER, DAVID, US
[71] ENCODED THERAPEUTICS, INC., US
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[87] (WO2019/109051)
[30] US (62/593,824) 2017-12-01
[30] US (62/610,014) 2017-12-22
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[13] A1
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[25] EN
[54] **PACKAGING BOX**
[54] **BOITE D'EMBALLAGE**
[72] JUN, JOON HEE, KR
[71] EYEMEE THE BEAUTY CO., LTD., KR
[85] 2020-05-27
[86] 2018-06-01 (PCT/KR2018/006265)
[87] (WO2019/107684)
[30] KR (10-2017-0160381) 2017-11-28

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[51] **Int.Cl. B23C 5/10 (2006.01) B23C 5/00 (2006.01) B23C 5/20 (2006.01) B23C 5/22 (2006.01)**
[25] EN
[54] **SINGLE-SIDED THREE-WAY INDEXABLE MILLING INSERT HAVING HIGH VOID VOLUME TO MATERIAL VOLUME RATIO AND INSERT MILL THEREFOR**
[54] **INSERT DE FRAISAGE INDEXABLE A TROIS VOIES A UN SEUL COTE AYANT UN RAPPORT VOLUME DE VIDE SUR VOLUME DE MATERIAU ELEVE ET BROYEUR A INSERT POUR CELUI-CI**
[72] HECHT, GIL, IL
[72] SHAPIR, ADI, IL
[71] ISCAR LTD., IL
[85] 2020-05-27
[86] 2018-11-27 (PCT/IL2018/051292)
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[51] **Int.Cl. A46B 15/00 (2006.01)**
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[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT POUR SOINS BUCCAUX**
[72] JUNGNICKEL, UWE, DE
[71] THE GILLETTE COMPANY LLC, US
[85] 2020-05-27
[86] 2018-12-14 (PCT/US2018/065600)
[87] (WO2019/125928)
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[54] **COMPOSITION DE REGULATION DU SEBUM MINIMALISANT LES PORES**
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[71] AMOREPACIFIC CORPORATION, KR
[85] 2020-05-27
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[54] **SIGMA-1 RECEPTOR AGONIST SYSTOLIC BLOOD PRESSURE THERAPY**
[54] **TRAITEMENT DE LA PRESSION SANGUINE SYSTOLIQUE PAR UN AGONISTE DU RECEPTEUR SIGMA -1**
[72] MISSLING, CHRISTOPHER U., US
[71] ANAVEX LIFE SCIENCES CORP., US
[85] 2020-05-27
[86] 2018-11-28 (PCT/US2018/062853)
[87] (WO2019/108653)
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[51] **Int.Cl. D21J 3/00 (2006.01) D21J 7/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANUFACTURING A 3-DIMENSIONAL FOOD PACKAGING UNIT FROM A MOLDED PULP MATERIAL AND SUCH FOOD PACKAGING PRODUCT**
[54] **PROCEDE ET SYSTEME POUR FABRIQUER UNE UNITE D'EMBALLAGE ALIMENTAIRE EN TROIS DIMENSIONS A PARTIR D'UN MATERIAU DE PATE MOULE ET CE PRODUIT D'EMBALLAGE ALIMENTAIRE**
[72] KUIPER, HARALD JOHN, NL
[71] HUHTAMAKI MOLDED FIBER TECHNOLOGY B.V., NL
[85] 2020-05-27
[86] 2018-12-05 (PCT/NL2018/050812)
[87] (WO2019/112428)
[30] NL (2020028) 2017-12-06

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[51] **Int.Cl. A61K 39/12 (2006.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 47/26 (2006.01)**
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[54] **FORMULATIONS OF DENGUE VIRUS VACCINE COMPOSITIONS**
[54] **FORMULATIONS DE COMPOSITIONS DE VACCIN CONTRE LE VIRUS DE LA DENGUE**
[72] RYAN, MICHAEL, S., US
[72] MARTIN, SHERRIE-ANN, P., US
[72] JONES, MORRISA, US
[72] STANBRO, JUSTIN, US
[72] BHAMBHANI, AKHILESH, US
[72] BLUE, JEFFREY THOMAS, US
[72] PIXLEY, HEIDI JOANNE, US
[72] GREEN-TREXLER, ERIN, J., US
[72] ISOPI, LYNNE ANN, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2020-05-27
[86] 2018-12-03 (PCT/US2018/063541)
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[30] US (62/595,842) 2017-12-07

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[51] **Int.Cl. B65G 69/04 (2006.01) B65D 88/26 (2006.01)**
[25] EN
[54] **POWDER MATERIAL HOPPER SYSTEM WITH OFFSET LOADING**
[54] **SYSTEME DE TREMIE DE MATERIAU EN POUDRE A CHARGEMENT DECALE**
[72] MUEGGENBORG, BROCK STEPHEN, US
[72] HEINBUCH, KARL, US
[72] ANDERSON, DANIEL DAVIS, US
[72] SCHEIMANN, DAVID W., US
[72] PEACOCK, THOMAS E., US
[71] ECOLAB USA INC., US
[85] 2020-05-27
[86] 2018-12-03 (PCT/US2018/063609)
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[13] A1
[51] **Int.Cl. C21C 1/10 (2006.01) C22C 33/08 (2006.01)**
[25] EN
[54] **CAST IRON INOCULANT AND METHOD FOR PRODUCTION OF CAST IRON INOCULANT**
[54] **INOCULANT DE FONTE ET PROCEDE DE PRODUCTION D'UN INOCULANT DE FONTE**
[72] OTT, EMMANUELLE, NO
[72] KNUSTAD, ODDVAR, NO
[71] ELKEM ASA, NO
[85] 2020-05-27
[86] 2018-12-21 (PCT/NO2018/050324)
[87] (WO2019/132668)
[30] NO (20172061) 2017-12-29

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01)**
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[54] **CONVERSATIONS DE TRANSACTIONS INDIVIDUALISEES**
[72] CAMPOS, TOMAS ARIEL, US
[72] APPANA, RAJIV VENKATARAMANA, US
[72] VAISH, TUSHAR, US
[72] BLANDINA, MICHAEL SCOTT, US
[71] ONEMARKET NETWORK LLC, US
[71] VIPER NETWORK SYSTEMS, LLC D/B/A PACKETVIPER, LLC, US
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[30] US (62/593,234) 2017-11-30
[30] US (62/593,246) 2017-12-01
[30] US (15/853,561) 2017-12-22
[30] US (15/853,559) 2017-12-22

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[25] EN
[54] **CAST IRON INOCULANT AND METHOD FOR PRODUCTION OF CAST IRON INOCULANT**
[54] **INOCULANT DE FONTE ET PROCEDE DE PRODUCTION D'INOCULANT DE FONTE**
[72] OTT, EMMANUELLE, NO
[71] ELKEM ASA, NO
[85] 2020-05-27
[86] 2018-12-21 (PCT/NO2018/050327)
[87] (WO2019/132671)
[30] NO (20172064) 2017-12-29

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[13] A1
[51] **Int.Cl. A23L 33/105 (2016.01) A61K 35/741 (2015.01) A61K 35/742 (2015.01) A23L 33/135 (2016.01) A61P 31/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR MICROBIAL ANTI-ADHESION**
[54] **COMPOSITIONS D'ANTI-ADHERENCE MICROBIENNE**
[72] NAGABHUSHANAM, KALYANAM, US
[72] MAJEED, SHAHEEN, US
[72] PANDE, ANURAG, US
[72] MAJEED, MUHAMMED, US
[71] SAMI LABS LIMITED, IN
[85] 2020-05-27
[86] 2018-12-04 (PCT/US2018/063728)
[87] (WO2019/112990)
[30] US (62/594,072) 2017-12-04

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[51] **Int.Cl. B41J 2/045 (2006.01)**
[25] EN
[54] **PRINTING METHOD FOR A DIGITAL PRINTING DEVICE**
[54] **PROCEDE D'IMPRESSION POUR UN DISPOSITIF D'IMPRESSION NUMERIQUE**
[72] FRANCK, JAN, DE
[71] FRANCK, JAN, DE
[85] 2020-05-27
[86] 2018-12-04 (PCT/IB2018/059616)
[87] (WO2019/111147)
[30] DE (10 2017 011 197.9) 2017-12-05

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[54] **ENHANCED IMMUNE EFFECTOR CELLS AND USE THEREOF**
[54] **CELLULES EFFECTRICES IMMUNES AMELIOREES ET LEUR UTILISATION**
[72] VALAMEHR, BAHRAM, US
[72] BJORDAHL, RYAN, US
[72] GOODRIDGE, JODE, US
[72] LEE, TOM TONG, US
[71] FATE THERAPEUTICS, INC., US
[85] 2020-05-27
[86] 2018-12-21 (PCT/US2018/067289)
[87] (WO2019/126748)
[30] US (62/609,827) 2017-12-22
[30] US (62/649,781) 2018-03-29
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[51] **Int.Cl. B25G 1/10 (2006.01) A47L 13/52 (2006.01)**
[25] EN
[54] **FLOOR CARE TOOLS**
[54] **OUTILS DE SOINS DE SOL**
[72] BALZ, ERIC R., US
[71] ECOLAB USA INC., US
[85] 2020-05-27
[86] 2018-12-04 (PCT/US2018/063779)
[87] (WO2019/113018)
[30] US (62/594,185) 2017-12-04

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[13] A1
[51] **Int.Cl. H04N 21/466 (2011.01) H04N 21/431 (2011.01) H04N 21/442 (2011.01)**
[25] EN
[54] **AUDIENCE DEFINITION FOR MEDIA PROGRAMS IN LIVE LINEAR PROGRAMMING**
[54] **DEFINITION DE PUBLIC POUR PROGRAMMES MULTIMEDIAS DANS UNE PROGRAMMATION LINEAIRE EN DIRECT**
[72] SALISBURY, MCKAY, US
[71] HULU, LLC, US
[85] 2020-05-27
[86] 2018-12-06 (PCT/US2018/064282)
[87] (WO2019/113336)
[30] US (15/836,711) 2017-12-08

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[54] **PLANTES A CROISSANCE AMELIOREE**
[72] KARLBERG, ANNA, SE
[72] JONSEN, DAVID, SE
[72] MOLLER, LINUS, SE
[72] HERTZBERG, MAGNUS, SE
[72] JONSSON, PAR, SE
[71] SWETREE TECHNOLOGIES AB, SE
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[54] **DOSING REGIMENS FOR THE MOBILIZATION OF HEMATOPOIETIC STEM AND PROGENITOR CELLS**
[54] **REGIMES POSOLOGIQUES POUR LA MOBILISATION DE CELLULES SOUCHES ET PROGENITRICES HEMATOPOIETIQUES**
[72] MORROW, DWIGHT, US
[72] FALAHEE, PATRICK C., US
[72] BOITANO, ANTHONY, US
[72] COOKE, MICHAEL P., US
[72] GONCALVES, KEVIN A., US
[71] MAGENTA THERAPEUTICS, INC., US
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[30] US (62/596,056) 2017-12-07
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[54] **PACKAGING FOR MEDICAL DEVICE**
[54] **EMBALLAGE POUR DISPOSITIF MEDICAL**
[72] EARLY, TIMOTHY, US
[72] MCADAM, JAMES, US
[72] FOTOPOULOS, PAM, US
[71] C. R. BARD, INC., US
[85] 2020-05-27
[86] 2018-11-29 (PCT/US2018/063010)
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[54] **TOPICAL OINTMENT FORMULATIONS OF PDE-4 INHIBITOR AND THEIR USE IN TREATING SKIN CONDITIONS**
[54] **FORMULATIONS TOPIQUES D'ONGUENT D'INHIBITEUR DE PDE-4 ET LEUR UTILISATION DANS LE TRAITEMENT D'AFFECTIONS CUTANEES**
[72] LEE, JAMES, US
[72] SIMPSON, ADAM, US
[71] DERMAVANT SCIENCES GMBH, CH
[85] 2020-05-27
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[54] **PROCESS FOR MICROSATELLITE INSTABILITY DETECTION**
[54] **PROCEDE PERMETTANT DE DETECTER UNE INSTABILITE DE MICROSATELLITES**
[72] GEORGIADIS, ANDREW, US
[72] SAUSEN, MARK, US
[71] PERSONAL GENOME DIAGNOSITICS INC., US
[85] 2020-05-27
[86] 2018-11-29 (PCT/US2018/063083)
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[54] **LIVE PROGRAMMING EVENT QUERY GENERATION FOR RECORDING AND NOTIFICATION IN A VIDEO DELIVERY SYSTEM**
[54] **GENERATION D'INTERROGATION D'EVENEMENT DE PROGRAMMATION EN DIRECT POUR ENREGISTREMENT ET NOTIFICATION DANS UN SYSTEME DE DISTRIBUTION DE VIDEO**
[72] ZHANG, MINLIN, US
[72] HWANG, HANK, US
[72] WANG, YINGAN, US
[71] HULU, LLC, US
[85] 2020-05-27
[86] 2018-12-07 (PCT/US2018/064590)
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[54] **COMBINATION OF LOCAL AND SYSTEMIC THERAPIES FOR ENHANCED TREATMENT OF DERMATOLOGIC CONDITIONS**
[54] **COMBINAISON DE THERAPIES LOCALES ET SYSTEMIQUES POUR L'AMELIORATION DU TRAITEMENT D'AFFECTIONS DERMATOLOGIQUES**
[72] KRUEGER, JAMES G., US
[72] GARCET, SANDRA, US
[72] SINGER, JAMIE, US
[72] WACHTER, ERIC, US
[71] THE ROCKEFELLER UNIVERSITY, US
[71] PROVECTUS PHARMATECH, INC., US
[85] 2020-05-27
[86] 2018-11-29 (PCT/US2018/063094)
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[54] **A ROLL FOR USE IN A HOT DIP COATING LINE**
[54] **ROULEAU DESTINE A ETRE UTILISE DANS UNE LIGNE DE REVETEMENT PAR IMMERSION A CHAUD**
[72] CADOTTE, DANIEL J., US
[72] NIEDRINGHAUS, JOYCE C., US
[71] AK STEEL PROPERTIES, INC., US
[85] 2020-05-27
[86] 2018-12-20 (PCT/US2018/066702)
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[25] EN
[54] **MACHINE LEARNING SYSTEM AND METHOD FOR SOMATIC MUTATION DISCOVERY**
[54] **SYSTEME D'APPRENTISSAGE AUTOMATIQUE ET PROCEDE DE DECOUVERTE DE MUTATIONS SOMATIQUES**
[72] ANGIUOLI, SAMUEL V., US
[72] WOOD, DERRICK, US
[71] PERSONAL GENOME DIAGNOSTICS INC., US
[85] 2020-05-27
[86] 2018-12-12 (PCT/US2018/065202)
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[54] **SYSTEM AND METHODS FOR A NON LINEAR NEEDLE GUIDE**
[54] **SYSTEME ET PROCEDES DESTINES A UN GUIDE D'AIGUILLE NON LINEAIRE**
[72] HIBNER, MICHAEL, US
[72] BOHL, MICHAEL A., US
[72] MCBRYAN, SARAH, US
[71] DIGNITY HEALTH, US
[85] 2020-05-27
[86] 2018-12-18 (PCT/US2018/066305)
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[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT D'HYGIENE BUCCALE**
[72] JUNGNICKEL, UWE, DE
[71] THE GILLETTE COMPANY LLC, US
[85] 2020-05-27
[86] 2018-12-13 (PCT/US2018/065317)
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[54] **COMPOSITION AND METHODS FOR A HEAT STORAGE CAPACITY DEVICE FOR THERMAL MANAGEMENT OF FLUIDS**
[54] **COMPOSITION ET PROCEDES POUR UN DISPOSITIF A CAPACITE DE STOCKAGE THERMIQUE POUR LA GESTION THERMIQUE DE FLUIDES**
[72] ROLLAND, LOIC PIERRE, FR
[71] DUPONT POLYMERS, INC., US
[85] 2020-05-27
[86] 2018-12-21 (PCT/US2018/067010)
[87] (WO2019/133461)
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[25] EN
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[54] **TRANSDUCTEUR A ULTRASONS A HAUTE FREQUENCE**
[72] CHAGGARES, NICHOLAS CHRISTOPHER, CA
[72] IVANYTSKYY, OLEG, CA
[72] KOLAJA, ROBERT, CA
[72] AMINI, HOSSEIN, CA
[72] PANG, GUOFENG, CA
[71] FUJIFILM SONOSITE, INC., US
[85] 2020-05-27
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[54] **ISOXAZOLE COMPOUNDS FOR THE TREATMENT OF DISEASES ASSOCIATED WITH HBV INFECTIONS**
[54] **COMPOSES D'ISOXAZOLE POUR LE TRAITEMENT DE MALADIES ASSOCIEES A DES INFECTIONS PAR LE VHB**
[72] KUDUK, SCOTT, US
[72] VENDEVILLE, SANDRINE MARIE HELENE, BE
[71] JANSSEN SCIENCES IRELAND UNLIMITED COMPANY, IE
[85] 2020-05-27
[86] 2018-12-21 (PCT/US2018/067050)
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[54] **OPTIMIZING TRANSPORTATION NETWORKS THROUGH DYNAMIC USER INTERFACES**
[54] **OPTIMISATION DE RESEAUX DE TRANSPORT PAR L'INTERMEDIAIRE D'INTERFACES UTILISATEUR DYNAMIQUES**
[72] BOWDEN, HARRISON JOEL, US
[72] COLE, ZACHARY ALISTAIR, US
[72] GUSTOFSON, MAXAMILION AB, US
[72] TOURTELLOT, JONATHAN AARON, US
[72] WONG, PATRICK STEVEN, US
[72] YOO, FRANK TAEHYUN, US
[71] LYFT, INC., US
[85] 2020-05-27
[86] 2018-12-21 (PCT/US2018/067284)
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[54] **ORAL CARE IMPLEMENT**
[54] **ACCESSOIRE DE SOINS BUCCAUX**
[72] JUNGNICKEL, UWE, DE
[72] GORICH, GERALD, DE
[72] MARGOTT, MARKUS, DE
[71] THE GILLETTE COMPANY LLC, US
[85] 2020-05-27
[86] 2018-12-13 (PCT/US2018/065395)
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[54] **ORAL CARE IMPLEMENT**
[54] **ACCESSOIRE DE SOINS BUCCAUX**
[72] JUNGNICKEL, UWE, DE
[71] THE GILLETTE COMPANY LLC, US
[85] 2020-05-27
[86] 2018-12-14 (PCT/US2018/065599)
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[54] **BLOCKCHAIN-BASED TRANSACTION PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE TRANSACTION A BASE DE CHAINE DE BLOCS**
[72] WANG, JIYUAN, CN
[72] DU, HUABING, CN
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-27
[86] 2019-05-29 (PCT/US2019/034243)
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[25] EN
[54] **FUND FLOW METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE FLUX DE FONDS ET DISPOSITIF ELECTRONIQUE**
[72] HU, DANQING, CN
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-27
[86] 2019-01-18 (PCT/US2019/014161)
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[54] **SUTURE PASSER DEVICE**
[54] **DISPOSITIF DE PASSAGE DE SUTURE**
[72] BOSWORTH, ADRIAN, US
[72] HUTTER, JAMES, US
[72] THIBODEAU, ROBERT, US
[71] CONMED CORPORATION, US
[85] 2020-05-27
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[51] **Int.Cl. A61K 31/225 (2006.01) C07C 69/738 (2006.01)**
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[54] **DRUGS AND COMPOSITIONS FOR OCULAR DELIVERY**
[54] **MEDICAMENTS ET COMPOSITIONS A ADMINISTRER PAR VOIE OCULAIRE**
[72] CLELAND, JEFFREY L., US
[72] YANG, MING, US
[72] BAUMAN, JOHN G., US
[72] HOANG, NU, US
[72] CHISHOLM, JANE, US
[71] GRAYBUG VISION, INC., US
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[30] US (62/598,943) 2017-12-14
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[25] EN
[54] **ASSET MANAGEMENT METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE GESTION D'ACTIFS, ET DISPOSITIF ELECTRONIQUE**
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-27
[86] 2019-02-14 (PCT/US2019/017951)
[87] (WO2019/161019)
[30] CN (201810151590.6) 2018-02-14

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[54] **CRANE CONTROLLER**
[54] **COMMANDE DE GRUE**
[72] BEER, ROMAN, AT
[72] MOOSBRUGGER, DAVID, AT
[72] MALOUVIER, PATRICK, AT
[71] HANS KUNZ GMBH, AT
[85] 2020-05-28
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[54] **COMPOSITIONS DE SOINS BUCCAUX**
[72] FONTERS, JESSIE, CH
[72] LOETSCHER, JEANNINE, CH
[72] BRUNELLA, ANDRE, CH
[71] GABA INTERNATIONAL HOLDING GMBH, CH
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[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LIVE ONLINE CONSULTATION**
[54] **SYSTEME ET PROCEDE DE CONSULTATION EN LIGNE EN DIRECT**
[72] STEWART, JOHN, CA
[71] MINDSHARE TECHNOLOGIES INCORPORATED, CA
[85] 2020-05-28
[86] 2017-11-28 (PCT/CA2017/051429)
[87] (WO2018/094539)
[30] US (62/427,030) 2016-11-28
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[25] EN
[54] **ASSET MANAGEMENT METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **APPAREIL ET PROCEDE DE GESTION D'ACTIFS, ET DISPOSITIF ELECTRONIQUE**
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-27
[86] 2019-02-14 (PCT/US2019/017980)
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[54] **COUVERTURE CHAUFFANTE DESTINEE A UN PATIENT**
[72] DUNLOP, COLIN, AU
[72] DUNLOP, JAMES, AU
[71] DUNLOP, COLIN, AU
[85] 2020-05-28
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[54] **ROLLER SHADE ASSEMBLY**
[54] **ENSEMBLE STORE A ROULEAU**
[72] MEYERINK, LARRY, CA
[72] BATTE, ANTHONY, CA
[72] GRUBB, DEAN, CA
[72] MEYERINK, ALEX, CA
[71] SMART SHADE INNOVATIONS INC., CA
[85] 2020-05-28
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[30] US (62/592,038) 2017-11-29
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[54] **LAMINATE WITH SYNCHRONOUS STRUCTURE**
[54] **STRATIFIE A STRUCTURE SYNCHRONE**
[72] DOEHRING, RAINER, CH
[72] PIOTROWSKI, DAWID, CH
[71] XYLO TECHNOLOGIES AG, CH
[85] 2020-05-28
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[54] **WATERBORNE CROSSLINKABLE DISPERSIONS**
[54] **DISPERSIONS AQUEUSES RETICULABLES**
[72] SCHELLEKENS, MICHAEL ARNOLDUS JACOBUS, NL
[72] DE BONT, JOHANNES HENDRIKUS, NL
[72] BARBOSA, JOHN, NL
[72] CRONIN, JON ANDREW, NL
[72] SHEARER, CHARLES, NL
[72] GEBHARD, MATTHEW STEWART, NL
[72] OVERBEEK, GERARDUS CORNELIS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2020-05-28
[86] 2018-12-18 (PCT/EP2018/085651)
[87] (WO2019/121782)
[30] US (62/607,474) 2017-12-19
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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **METHOD, APPARATUS, SYSTEM, AND ELECTRONIC DEVICE FOR CROSS-BLOCKCHAIN INTERACTION**
[54] **PROCEDE, APPAREIL, SYSTEME ET DISPOSITIF ELECTRONIQUE D'INTERACTION ENTRE CHAINES DE BLOCS**
[72] QIU, HONGLIN, CN
[72] DU, HUABING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-27
[86] 2019-02-26 (PCT/US2019/019520)
[87] (WO2019/168818)
[30] CN (201810162070.5) 2018-02-27

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[51] **Int.Cl. F04D 7/04 (2006.01) F04D 7/02 (2006.01)**
[25] EN
[54] **CENTRIFUGAL PUMP ASSEMBLY AND IMPELLER**
[54] **ENSEMBLE POMPE CENTRIFUGE ET TURBINE**
[72] BARROW, BOYCE, LA
[71] BARROW, BOYCE, LA
[85] 2020-05-28
[86] 2018-12-21 (PCT/AU2018/051407)
[87] (WO2019/119073)
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[51] **Int.Cl. G10D 3/14 (2020.01)**
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[54] **TUNING MACHINE FOR STRINGED INSTRUMENTS**
[54] **MACHINE DE REGLAGE POUR DES INSTRUMENTS A CORDES**
[72] PIRQUET, OLIVER JOHANN, CA
[71] DUNWOODIE, DAVID, CA
[85] 2020-05-28
[86] 2018-04-27 (PCT/CA2018/050499)
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[25] EN
[54] **EMERGENCY NETWORK SLICE AND METHOD FOR PROCESSING AN EMERGENCY COMMUNICATION IN A PACKET SWITCHED COMMUNICATION NETWORK**
[54] **TRANCHE DE RESEAU D'URGENCE ET PROCEDE DE TRAITEMENT D'UNE COMMUNICATION D'URGENCE DANS UN RESEAU DE COMMUNICATION A COMMUTATION DE PAQUETS**
[72] LAUSTER, REINHARD, AT
[71] DEUTSCHE TELEKOM AG, DE
[85] 2020-05-28
[86] 2018-10-24 (PCT/EP2018/079176)
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[25] EN
[54] **CROSS-BLOCKCHAIN AUTHENTICATION METHOD, APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE, APPAREIL ET DISPOSITIF ELECTRONIQUE D'AUTHENTIFICATION ENTRE CHAINES DE BLOCS**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-27
[86] 2019-03-28 (PCT/US2019/024522)
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[30] CN (201810291308.4) 2018-04-03

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[25] EN
[54] **INCORPORATION OF FUSION GENES INTO PPI NETWORK TARGET SELECTION VIA GIBBS HOMOLOGY**
[54] **INCORPORATION DE GENES DE FUSION DANS LA SELECTION D'UNE CIBLE DE RESEAU PPI PAR LE BIAIS D'UNE HOMOLOGIE DE GIBBS**
[72] RIETMAN, EDWARD A., US
[72] KLEMENT, GIANNOULA LAKKA, CA
[72] HASHEMI, ALI, CA
[71] CSTS HEALTH CARE INC., CA
[85] 2020-05-28
[86] 2018-11-28 (PCT/CA2018/051515)
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[30] US (62/591,572) 2017-11-28

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[25] EN
[54] **SAFETY GUARD SUPPORT FOR POWER TAKE OFF JOINTS AND SHAFTS**
[54] **SUPPORT PROTECTEUR POUR JOINTS ET ARBRES DE PRISE DE FORCE**
[72] BURGESS, JEREMY, GB
[71] SPAREX LIMITED, GB
[85] 2020-05-28
[86] 2018-10-26 (PCT/EP2018/079428)
[87] (WO2019/120710)
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[25] EN
[54] **A SLIP RING ASSEMBLY**
[54] **ENSEMBLE BAGUE COLLECTRICE**
[72] ARCAND, SEBASTIEN, CA
[72] GAGNON, MICHAEL, CA
[72] GARNEAU, SOPHIE, CA
[71] SAINT-AUGUSTIN CANADA ELECTRIC INC., CA
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[86] 2019-12-13 (PCT/IB2019/060796)
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[54] **RAS-TARGETED THERAPEUTIC**
[54] **THERAPEUTIQUE CIBLANT RAS**
[72] MELNYK, ROMAN A., CA
[72] AUGER, ANICK, CA
[72] BEILHARTZ, GREG, CA
[72] MINASSIAN, BERGE, CA
[72] SUGIMAN-MARANGOS, SEIJI, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2020-05-28
[86] 2018-11-29 (PCT/CA2018/051521)
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[25] EN
[54] **CAMERA ARM OF A CAMERA-BASED MIRROR SUBSTITUTE SYSTEM FOR A MOTOR VEHICLE**
[54] **BRAS DE CAMERA D'UN SYSTEME RETROVISEUR DE SUBSTITUTION UTILISANT UNE CAMERA POUR UN VEHICULE AUTOMOBILE**
[72] MIETHING, WERNER, DE
[71] CONTINENTAL AUTOMOTIVE GMBH, DE
[85] 2020-05-28
[86] 2018-11-27 (PCT/EP2018/082746)
[87] (WO2019/120903)
[30] DE (10 2017 223 732.5) 2017-12-22
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[25] EN
[54] **METHODS AND SYSTEMS FOR ALIGNMENT OF OPHTHALMIC IMAGING DEVICES**
[54] **PROCEDES ET SYSTEMES D'ALIGNEMENT DE DISPOSITIFS D'IMAGERIE OPHTALMIQUE**
[72] PASCAL, AMIT, IL
[72] RAFAELI, OMER, IL
[72] ALSTER, YAIR, IL
[72] GOREN-GRATZYANI, GIDON, IL
[71] NOTAL VISION LTD., IL
[85] 2020-04-21
[86] 2018-11-04 (PCT/IL2018/051172)
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[25] EN
[54] **IMPLANTABLE DISTRACTION DEVICE**
[54] **DISPOSITIF DE DISTRACTION IMPLANTABLE**
[72] CHEVALIER, ERIC, FR
[71] ENDOTACT, FR
[85] 2020-05-28
[86] 2018-11-30 (PCT/EP2018/083216)
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[25] EN
[54] **APPARATUS AND METHODS FOR ENHANCING A COAXIAL LINE**
[54] **APPAREIL ET PROCEDES POUR AMELIORER UNE LIGNE COAXIALE**
[72] OKONIEWSKI, MICHAL, CA
[72] TESSIER, LYNN P., CA
[72] APPERLEY, THOMAS, CA
[72] PASALIC, DAMIR, CA
[71] ACCELEWARE LTD., CA
[85] 2020-05-28
[86] 2018-12-19 (PCT/CA2018/051620)
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[25] EN
[54] **5-(2,5-BIS(4-CHLORO-2-ISOPROPYLPHENYL)THIOPHEN-3-YL)-1H-TETRAZOLE FOR THE TOPICAL TREATMENT OF BACTERIAL INFECTIONS**
[54] **5-(2,5-BIS(4-CHLORO-2-ISOPROPYLPHENYL)THIOPHEN-3-YL)-1H-TETRAZOLE POUR LE TRAITEMENT TOPIQUE D'INFECTIONS BACTERIENNES**
[72] WU, FAN, CA
[72] MCMASTER, CHRISTOPHER R., CA
[72] WEAVER, DONALD F., CA
[71] DENOVAMED INC., CA
[85] 2020-05-28
[86] 2018-12-10 (PCT/CA2018/051572)
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[54] **CREAMERS WITH IMPROVED TEXTURE/MOUTHFEEL AND METHOD OF MAKING THEREOF**
[54] **SUCCEDANES DE CREME A TEXTURE/SENSATION EN BOUCHE AMELIOREES ET LEUR PROCEDE DE FABRICATION**
[72] BEZELGUES, JEAN-BAPTISTE, CN
[72] OCTAVIA, WINNIE, US
[72] NELSON, RICHARD, US
[72] FU, XIAOPING, US
[72] FU, JUN-TSE, RAY, US
[72] SHER, ALEXANDER A, US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-05-28
[86] 2018-11-27 (PCT/EP2018/082636)
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[25] EN
[54] **MODIFIED Y-TYPE MOLECULAR SIEVE AND PREPARATION METHOD THEREOF, HYDROCRACKING CATALYST AND PREPARATION METHOD THEREOF, AND METHOD FOR HYDROCRACKING HYDROCARBON OIL**
[54] **TAMIS MOLECULAIRE DE TYPE Y MODIFIE ET SON PROCEDE DE PREPARATION, CATALYSEUR D'HYDROCRAQUAGE ET SON PROCEDE DE PREPARATION, ET PROCEDE D'HYDROCRAQUAGE D'HUILE HYDROCARBONEE**
[72] LIU, WEI, CN
[72] GUAN, MINGHUA, CN
[72] DU, YANZE, CN
[72] WANG, FENGLAI, CN
[72] QIN, BO, CN
[72] GAO, HANG, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] DALIAN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[85] 2020-05-28
[86] 2017-11-29 (PCT/CN2017/113629)
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[25] EN
[54] **TEMPERATURE-CONTROL UNIT FOR A FURNACE DEVICE FOR HEAT TREATING A PLATE**
[54] **UNITE DE REGULATION THERMIQUE POUR UN DISPOSITIF DE FOUR DESTINE AU TRAITEMENT THERMIQUE D'UNE PLAQUETTE**
[72] EBNER, ROBERT, AT
[72] SAUSCHLAGER, ANDREAS, AT
[72] OPPERMANN, ANTON, AT
[72] SCHATZ, DANIEL, AT
[72] KIRSCHNER, GUNTER, AT
[72] HEITZMANN, LUKAS, AT
[72] HUMER, HARALD, AT
[72] MUSIC, MUSTAFA, AT
[71] EBNER INDUSTRIEOFENBAU GMBH, AT
[85] 2020-05-28
[86] 2018-11-29 (PCT/EP2018/082994)
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[25] EN
[54] **MICROPUMP WITH CAM MECHANISM FOR AXIAL DISPLACEMENT OF ROTOR**
[54] **MICROPOMPE AYANT UN MECANISME DE CAME POUR UN DEPLACEMENT AXIAL D'UN ROTOR**
[72] BRANDT, DEREK, CH
[72] WYSS, THOMAS, CH
[72] MARBET, REGINA, CH
[72] BUCHI, ADRIAN, CH
[72] PERRIER, ALEXANDRE, CH
[71] SENSILE MEDICAL AG, CH
[85] 2020-05-28
[86] 2018-12-03 (PCT/EP2018/083390)
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[54] **WEED CONTROL**
[54] **PROCEDE DE LUTTE CONTRE LES MAUVAISES HERBES**
[72] COWAN, JOE, GB
[72] SMITH, LEE, GB
[72] BALDUCCHI, FRANCK, GB
[71] WEEDING TECHNOLOGIES LIMITED, GB
[85] 2020-05-28
[86] 2017-11-28 (PCT/GB2017/053587)
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[30] GB (1620238.4) 2016-11-29

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[51] **Int.Cl. B01D 53/14 (2006.01) C07C 29/136 (2006.01) C07C 31/04 (2006.01) C07C 31/20 (2006.01) C07D 317/38 (2006.01) C08J 9/12 (2006.01) C08L 1/02 (2006.01)**
[25] EN
[54] **TOTAL RECYCLING SYSTEM OF CAPTURING, CONVERSION AND UTILIZATION OF FLUE GAS GROM FACTORY, POWER PLANT AND REFINERY**
[54] **SYSTEME DE CAPTAGE, DE CONVERSION ET DE RECYCLAGE TOTAL DES GAZ DE COMBUSTION D'USINE, DE CENTRALE ELECTRIQUE OU DE RAFFINERIE, ET APPLICATION**
[72] SONG, WEINING, CN
[71] GREEN CARBON NANOTECH (JIANGSU) CO. LTD., CN
[85] 2020-05-28
[86] 2018-11-08 (PCT/CN2018/114521)
[87] (WO2019/105193)
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[51] **Int.Cl. A61K 31/185 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **OPHTHALMIC TOPICAL COMPOSITION COMPRISING DOBESILIC ACID FOR TREATING DISEASES OF THE POSTERIOR SEGMENT OF THE EYE**
[54] **COMPOSITION OPHTALMIQUE TOPIQUE COMPRENANT DE L'ACIDE DOBESILIQUE POUR LE TRAITEMENT DE MALADIES DU SEGMENT POSTERIEUR DE L'OEIL**
[72] CAPDEVILA NORTES, XAVIER, ES
[72] SANAGUSTIN AQUILUE, JAVIER, ES
[72] DELGADO GANAN, MARIA ISABEL, ES
[71] LABORATORIOS SALVAT, S.A., ES
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[86] 2018-11-29 (PCT/EP2018/082999)
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[54] **CAPSULE WITH INTEGRATED DISPENSING DEVICE**
[54] **CAPSULE MUNIE D'UN DISPOSITIF DE DISTRIBUTION INTEGRE**
[72] MUHLEMANN, ROLF, CH
[71] MUHLEMANN IP GMBH, CH
[85] 2020-05-28
[86] 2018-12-07 (PCT/EP2018/083984)
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[51] **Int.Cl. H02J 3/36 (2006.01)**
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[54] **COORDINATED CONTROL METHOD AND DEVICE FOR SERIES VOLTAGE SOURCE CONVERTER VALVE GROUP**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE COORDONNEE DESTINES A UN GROUPE DE SOUPAPES DE CONVERTISSEUR DE SOURCE DE TENSION EN SERIE**
[72] LU, JIANG, CN
[72] LU, YU, CN
[72] DONG, YUNLONG, CN
[72] WANG, YONGPING, CN
[72] TIAN, JIE, CN
[72] LI, HAIYING, CN
[72] HU, ZHAOQING, CN
[72] WANG, NANNAN, CN
[72] WANG, KE, CN
[72] DING, JIUDONG, CN
[71] NR ELECTRIC CO., LTD, CN
[71] NR ENGINEERING CO., LTD, CN
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[51] **Int.Cl. B65G 1/08 (2006.01) B65G 1/137 (2006.01)**
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[54] **MODULAR STORAGE AND ORDER PICKING SYSTEM**
[54] **DISPOSITIF MODULAIRE DE STOCKAGE ET DE PREPARATION DE COMMANDES**
[72] BUCHMANN, RAINER, DE
[71] BUCHMANN, RAINER, DE
[85] 2020-05-28
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[13] A1
[51] **Int.Cl. C12N 9/04 (2006.01) C12P 7/56 (2006.01)**
[25] FR
[54] **GENETICALLY MODIFIED BACTERIUM FOR PRODUCING LACTATE FROM CO2**
[54] **BACTERIE GENETIQUEMENT MODIFIEE POUR PRODUIRE DU LACTATE A PARTIR DE CO2**
[72] BOISART, CEDRIC, FR
[72] CHABOT, NICOLAS, FR
[71] ENOBRAQ, FR
[85] 2020-05-27
[86] 2018-11-30 (PCT/EP2018/083097)
[87] (WO2019/106134)
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[25] EN
[54] **METHOD AND APPARATUS FOR THE ENHANCEMENT OF THE AQUEOUS EXTRACTION OF PLANT MATERIAL**
[54] **PROCEDE ET APPAREIL DESTINES A AMELIORER L'EXTRACTION AQUEUSE D'UNE MATIERE VEGETALE**
[72] HENRY, WILLIAM JOHN, GB
[71] TEKNOLERGE LIMITED, GB
[85] 2020-05-28
[86] 2018-12-03 (PCT/GB2018/053493)
[87] (WO2019/106392)
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[13] A1
[51] **Int.Cl. B64D 1/12 (2006.01) B64D 1/22 (2006.01)**
[25] FR
[54] **DEVICE FOR THE EMERGENCY MANUAL CONTROL OF A REMOTE SYSTEM**
[54] **DISPOSITIF POUR UNE COMMANDE MANUELLE D'URGENCE D'UN SYSTEME DISTANT**
[72] LACHEVRE, PAUL, FR
[72] MAINGUIN, PATRICK, FR
[71] LACE, FR
[85] 2020-05-28
[86] 2018-12-03 (PCT/EP2018/083352)
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[51] **Int.Cl. B62K 5/02 (2013.01) B62K 5/00 (2013.01) B62K 5/06 (2006.01) B62K 9/02 (2006.01) B62K 15/00 (2006.01)**
[25] EN
[54] **FOLDABLE TRICYCLE**
[54] **TRICYCLE PLIABLE**
[72] DEBRY, GARRETT, US
[72] PACKOWITZ, DAVID, US
[71] RADIO FLYER INC., US
[85] 2020-03-27
[86] 2018-09-27 (PCT/US2018/053122)
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[30] US (62/563,765) 2017-09-27

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[51] **Int.Cl. B60S 5/06 (2019.01) B60K 1/04 (2019.01)**
[25] EN
[54] **BATTERY SWAPPING STATION AND CONTROL METHOD THEREFOR**
[54] **STATION DE PERMUTATION DE BATTERIE ET SON PROCEDE DE COMMANDE**
[72] ZHANG, JIANPING, CN
[72] HUANG, CHUNHUA, CN
[72] ZOU, RUI, CN
[72] WAN, LIBIN, CN
[72] ZHOU, JUNQIAO, CN
[71] SHANGHAI DIANBA NEW ENERGY TECHNOLOGY CO., LTD., CN
[71] AULTON NEW ENERGY AUTOMOTIVE TECHNOLOGY GROUP, CN
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[51] **Int.Cl. C08F 283/01 (2006.01) C08F 290/06 (2006.01) C09D 5/34 (2006.01)**
[25] EN
[54] **STYRENE-FREE AND COBALT-FREE POLYMERIC COMPOSITION AND ITS USE FOR FILLING AND BONDING**
[54] **COMPOSITION POLYMERE EXEMPTE DE STYRENE ET EXEMPTE DE COBALT ET SON UTILISATION POUR LE REMPLISSAGE ET LE COLLAGE**
[72] DISILVESTRI, FABIO, IT
[72] MOLENDI, PAOLO, IT
[72] MARINI, MICHELE, IT
[72] BONACINI, CORRADO, IT
[72] RIVALTA, ELEONORA, IT
[71] INDUSTRIA CHIMICA REGGIANA I.C.R. SOCIETA' PER AZIONI, IT
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[86] 2018-12-04 (PCT/EP2018/083522)
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[25] EN
[54] **PROCESS FOR PRODUCING METHANOL AND AMMONIA**
[54] **PROCEDE DE PRODUCTION DE METHANOL ET D'AMMONIAC**
[72] INGHAM, ALAN, GB
[72] JANARDHANAN, MADHANAKRISHNAN, GB
[72] PACH, JOHN DAVID, GB
[72] YIU, KAR CHI, GB
[71] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
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[87] (WO2019/122809)
[30] GB (1721126.9) 2017-12-18

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[51] **Int.Cl. C08H 8/00 (2010.01)**
[25] FR
[54] **METHOD FOR TREATING LIGNOCELLULOSIC BIOMASS BY IMPREGNATION**
[54] **PROCEDE DE TRAITEMENT DE BIOMASSE LIGNO-CELLULOSIQUE PAR IMPREGNATION**
[72] AYMARD, CAROLINE, FR
[72] BOUILLON, PIERRE-ANTOINE, FR
[72] ROUSSET, ROMAIN, FR
[72] CARNNOT, OLIVIER, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] AGRO INDUSTRIES RECHERCHE ET DEVELOPPEMENT, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR
[85] 2020-05-28
[86] 2018-12-04 (PCT/EP2018/083540)
[87] (WO2019/120994)
[30] FR (1762611) 2017-12-20

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[51] **Int.Cl. B61L 15/00 (2006.01) B61L 3/24 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **TRAIN CONTROL NETWORK, METHOD FOR COMMUNICATION AND METHOD FOR CONTROLLING TRAIN INTEGRITY**
[54] **RESEAU DE COMMANDE DE TRAIN, PROCEDE DE COMMUNICATION ET PROCEDE DE CONTROLE D'INTEGRITE DE TRAIN**
[72] WALLNER, CHRISTIAN, DE
[72] MORNEWEG, VOLKER, DE
[72] SALAZAR LUQUE, GEMMA-MARIA, ES
[71] THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH, DE
[85] 2020-05-28
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[87] (WO2019/110673)
[30] EP (17206245.7) 2017-12-08

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[25] EN
[54] **AN AGENT THAT INCREASES THE EXPRESSION OF THE BCL2-ASSOCIATED AGONIST OF CELL DEATH FOR THE TREATMENT OF CANCER**
[54] **AGENT AUGMENTANT L'EXPRESSION DE L'AGONISTE DE LA MORT CELLULAIRE ASSOCIE A BCL2 POUR LE TRAITEMENT DU CANCER**
[72] DALGLEISH, ANGUS, GB
[72] LUI, WAI, GB
[71] LDN PHARMA LIMITED, GB
[85] 2020-05-28
[86] 2018-03-28 (PCT/GB2018/050843)
[87] (WO2018/178690)
[30] GB (1704910.7) 2017-03-28
[30] GB (1718806.1) 2017-11-14

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[51] **Int.Cl. G06F 17/00 (2019.01) G16H 50/00 (2018.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND/OR COMPUTER READABLE MEDIUM FOR NON-INVASIVE WORKFLOW AUGMENTATION**
[54] **SYSTEME, PROCEDE ET/OU SUPPORT LISIBLE PAR ORDINATEUR POUR UNE AUGMENTATION NON INVASIVE DE FLUX DE TRAVAIL**
[72] ABADPOUR, ARASH, CA
[72] AJEZ, BAHAREH GHOLAMZADEH, CA
[72] GREENLAND, GRAHAM, CA
[71] FIO CORPORATION, CA
[71] ABADPOUR, ARASH, CA
[71] AJEZ, BAHAREH GHOLAMZADEH, CA
[71] GREENLAND, GRAHAM, CA
[85] 2020-05-26
[86] 2017-11-24 (PCT/CA2017/051418)
[87] (WO2018/094534)
[30] US (62/426,492) 2016-11-26

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[25] EN
[54] **BONE SUBSTITUTE MATERIAL**
[54] **MATERIAU DE SUBSTITUTION OSSEUSE**
[72] ZIHLMANN, CLAUDIO, CH
[72] BUFLER, MICHAEL, CH
[71] GEISTLICH PHARMA AG, CH
[85] 2020-05-28
[86] 2018-12-13 (PCT/EP2018/084783)
[87] (WO2019/115704)
[30] EP (17207235.7) 2017-12-14

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[51] **Int.Cl. C08B 30/04 (2006.01) A23J 1/12 (2006.01) C12N 9/24 (2006.01)**
[25] EN
[54] **WHEAT MILLING PROCESS AND GH8 XYLANASES**
[54] **PROCEDE DE BROYAGE DE BLE ET XYLANASES GH8**
[72] LAVIGNE, JAMES, US
[72] ABEL, GERNOT J., DK
[72] SALOMON, JESPER, DK
[72] SHEPPERD, TUCKER, US
[71] NOVOZYMES A/S, DK
[85] 2020-05-28
[86] 2018-12-20 (PCT/EP2018/086117)
[87] (WO2019/122083)
[30] US (62/609,409) 2017-12-22

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/48 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **DOSAGE FORMS COMPRISING A PLASMA KALLIKREIN INHIBITOR**
[54] **FORMES PHARMACEUTIQUES COMPRENANT UN INHIBITEUR DE LA KALLICREINE PLASMATIQUE**
[72] COLLETT, JOHN HERMAN, GB
[72] COOK, GARY PAUL, US
[72] FARRAR, JAMIE JOSEPH, GB
[72] FRODSHAM, MICHAEL JOHN, GB
[72] ROE, MICHAEL BRYAN, GB
[72] TODD, RICHARD SIMON, GB
[72] WARD, ROBERT NEIL, GB
[71] KALVISTA PHARMACEUTICALS LIMITED, GB
[85] 2020-05-28
[86] 2018-11-28 (PCT/GB2018/053443)
[87] (WO2019/106361)
[30] US (62/592,242) 2017-11-29
[30] GB (1721515.3) 2017-12-21

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[51] **Int.Cl. C12N 15/40 (2006.01) A01H 5/00 (2018.01) A61K 39/12 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C07K 14/08 (2006.01) C07K 16/10 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/82 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **MODIFIED NOROVIRUS VP1 PROTEINS AND VLPS COMPRISING MODIFIED NOROVIRUS VP1 PROTEINS**
[54] **PROTEINES VP1 DE NOROVIRUS MODIFIEES ET PROTEINES VP1 DE NOROVIRUS COMPRENANT DES VLP**
[72] LAVOIE, PIERRE-OLIVIER, CA
[72] D'AOUST, MARC-ANDRE, CA
[71] MEDICAGO INC., CA
[85] 2020-05-28
[86] 2018-11-30 (PCT/CA2018/051530)
[87] (WO2019/104439)
[30] US (62/593,006) 2017-11-30
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[51] **Int.Cl. C08H 8/00 (2010.01)**
[25] FR
[54] **METHOD FOR TREATING LIGNOCELLULOSIC BIOMASS**
[54] **PROCEDE DE TRAITEMENT DE BIOMASSE LIGNO-CELLULOSIQUE**
[72] AYMARD, CAROLINE, FR
[72] PEROTTA, LARISSA, FR
[71] IFP ENERGIES NOUVELLES, FR
[71] INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR
[71] AGRO INDUSTRIES RECHERCHE ET DEVELOPPEMENT, FR
[85] 2020-05-28
[86] 2018-12-04 (PCT/EP2018/083541)
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[51] **Int.Cl. B29D 35/12 (2010.01) A43B 1/00 (2006.01) A43B 13/18 (2006.01) C08G 18/12 (2006.01) C08G 18/18 (2006.01) C08G 18/32 (2006.01) C08G 18/42 (2006.01) C08G 18/48 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) C08G 18/79 (2006.01)**
[25] EN
[54] **NEW FLEXIBLE POLYURETHANE FOAMS**
[54] **NOUVELLES MOUSSES POLYURETHANES SOUPLES**
[72] JAEHNIGEN, JULIA, DE
[72] LOELSBERG, WIBKE, DE
[72] MUELLER, ANGELIKA, DE
[72] TEPE, DANIELA, DE
[72] PRISSOK, FRANK, DE
[72] PETROVIC, DEJAN, DE
[72] LUTTER, HEINZ-DIETER, DE
[71] BASF SE, DE
[85] 2020-05-28
[86] 2018-12-20 (PCT/EP2018/086186)
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[30] EP (17208739.7) 2017-12-20

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[51] **Int.Cl. B64D 1/22 (2006.01) B66C 1/36 (2006.01) F16F 1/12 (2006.01) F16F 3/04 (2006.01)**
[25] FR
[54] **RETURN SYSTEM FOR LIFTING HOOK AND HOOKING DEVICE COMPRISING SUCH A SYSTEM**
[54] **SYSTEME DE RAPPEL POUR CROCHET DE CHARGE ET DISPOSITIF D'ACCROCHAGE COMPORTANT UN TEL SYSTEME**
[72] AUTISSIER, CHRISTOPHE, FR
[72] SCHMIDT, YOANN, FR
[71] LACE, FR
[85] 2020-05-28
[86] 2018-12-07 (PCT/EP2018/084007)
[87] (WO2019/110812)
[30] FR (1761851) 2017-12-08

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 33/10 (2006.01) A23L 33/16 (2016.01)**
[25] EN
[54] **USE OF FUNCTIONALIZED CALCIUM CARBONATE AS ACTIVE INGREDIENT**
[54] **UTILISATION DE CARBONATE DE CALCIUM FONCTIONNALISE COMME PRINCIPE ACTIF**
[72] BUDDE, TANJA, CH
[72] SHARMA, LALIT, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2020-05-28
[86] 2019-01-25 (PCT/EP2019/051839)
[87] (WO2019/149628)
[30] EP (18154469.3) 2018-01-31

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[51] **Int.Cl. F28D 1/04 (2006.01) C10G 9/20 (2006.01) F24H 1/14 (2006.01) F27D 11/12 (2006.01) F28F 9/00 (2006.01) F28F 19/00 (2006.01) F28G 13/00 (2006.01)**
[25] EN
[54] **REMOVABLE BEND CAP IN TUBING FOR INDUSTRIAL PROCESS EQUIPMENT**
[54] **CAPUCHON DE COUDE AMOVIBLE EQUIPANT UN ENSEMBLE TUBES POUR MATERIEL DE TRAITEMENT INDUSTRIEL**
[72] CARSON, GLENN L., CA
[71] 1863815 ONTARIO LIMITED, CA
[85] 2020-05-27
[86] 2018-11-27 (PCT/CA2018/051507)
[87] (WO2019/100171)
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[51] **Int.Cl. C12N 5/0735 (2010.01) C12N 5/079 (2010.01) A61K 35/30 (2015.01) A61P 5/06 (2006.01) A61P 5/10 (2006.01) A61P 43/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CELL MASS INCLUDING PITUITARY TISSUE, AND CELL MASS THEREOF**
[54] **PROCEDE DE FABRICATION D'AGREGAT DE CELLULES CONTENANT DES TISSUS PITUITAIRES, ET AGREGAT DE CELLULES**
[72] NAKANO, TOKUSHIGE, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2020-05-22
[86] 2018-11-22 (PCT/JP2018/043290)
[87] (WO2019/103129)
[30] JP (2017-226312) 2017-11-24

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[51] **Int.Cl. A45C 9/00 (2006.01) A63B 69/38 (2006.01) A63B 69/40 (2006.01) F41B 3/00 (2006.01)**
[25] EN
[54] **TENNIS TRAINING BAG**
[54] **SAC D'ENTRAINEMENT AU TENNIS**
[72] KALFA, YONAH, IL
[71] SLINGER BAG LTD., IL
[85] 2020-05-28
[86] 2018-08-22 (PCT/IL2018/050927)
[87] (WO2019/106647)
[30] IL (255995) 2017-11-29

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[51] **Int.Cl. A01N 43/707 (2006.01) A01N 39/02 (2006.01) A01N 43/54 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMBINATIONS**
[54] **COMBINAISON D'HERBICIDES**
[72] KUMAR, AJIT, IN
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL LTD, IN
[85] 2020-05-28
[86] 2018-11-27 (PCT/IB2018/059343)
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[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **DEVICE DELIVERY TOOLS AND SYSTEMS**
[54] **OUTILS ET SYSTEMES D'APPORT DE DISPOSITIFS**
[72] MILLER, SCOTT, US
[71] GI SCIENTIFIC, LLC, US
[85] 2020-05-27
[86] 2019-01-06 (PCT/US2019/012448)
[87] (WO2019/136326)
[30] US (62/614,999) 2018-01-08

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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **EASILY MOVABLE BLOOD PURIFICATION SYSTEMS**
[54] **SYSTEMES DE PURIFICATION DE SANG POUVANT ETRE DEPLACES FACILEMENT**
[72] VECTEN, DIDIER, CH
[72] VESCOVO, PAUL, CH
[72] ALLENDES, RICARDO, CH
[71] NEXTKIDNEY SA, CH
[85] 2020-05-28
[86] 2018-10-31 (PCT/IB2018/058539)
[87] (WO2019/087096)
[30] EP (17199363.7) 2017-10-31
[30] EP (17199362.9) 2017-10-31
[30] EP (17209126.6) 2017-12-20
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[51] **Int.Cl. G02B 23/26 (2006.01) A61B 1/00 (2006.01)**
[25] EN
[54] **OPTICAL ENDOSCOPE**
[54] **ENDOSCOPE OPTIQUE**
[72] PRUNERI, VALERIO, ES
[72] CAMPHAUSEN, ROBIN, ES
[71] FUNDACIO INSTITUT DE CIENCIES FOTONIQUES, ES
[71] INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, ES
[85] 2020-05-28
[86] 2017-11-30 (PCT/ES2017/070787)
[87] (WO2019/106209)

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 5/08 (2006.01) G02B 5/18 (2006.01) G02B 5/26 (2006.01) G02B 5/28 (2006.01) G02B 6/10 (2006.01)**
[25] EN
[54] **IMPROVED BRIGHTNESS WAVEGUIDE DISPLAY**
[54] **AFFICHEUR A GUIDE D'ONDES A LUMINOSITE AMELIOREE**
[72] OLKKONEN, JUUSO, FI
[72] SUNNARI, ANTTI, FI
[71] DISPELIX OY, FI
[85] 2020-05-28
[86] 2018-12-18 (PCT/FI2018/050938)
[87] (WO2019/122521)
[30] FI (20176164) 2017-12-22

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[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01)**
[25] EN
[54] **AUTOMATED EXTRACORPOREAL BLOOD TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT SANGUIN EXTRACORPOREL AUTOMATISE**
[72] VECTEN, DIDIER, CH
[72] VESCOVO, PAUL, CH
[72] ALLENDES, RICARDO, CH
[71] NEXTKIDNEY SA, CH
[85] 2020-05-28
[86] 2018-10-31 (PCT/IB2018/058547)
[87] (WO2019/087103)
[30] EP (17199363.7) 2017-10-31
[30] EP (17199362.9) 2017-10-31
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[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/15 (2006.01) A61P 31/14 (2006.01) C07K 14/14 (2006.01)**
[25] EN
[54] **USE OF A NON-STRUCTURAL PROTEIN FROM PRV TO PROTECT AGAINST HEART AND SKELETAL MUSCLE INFLAMMATION**
[54] **UTILISATION D'UNE PROTEINE NON STRUCTURALE ISSUE DE PRV POUR PROTEGER CONTRE L'INFLAMMATION DU C□UR ET DU MUSCLE SQUELETTIQUE**
[72] VILLOING, STEPHANE, NO
[72] HODNELAND, KJARTAN, NO
[72] FROST, PETTER, NO
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-05-27
[86] 2018-12-05 (PCT/EP2018/083656)
[87] (WO2019/110664)
[30] EP (17205626.9) 2017-12-06

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[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01) A24D 1/00 (2020.01)**
[25] EN
[54] **APPARATUS FOR VOLATILISING AEROSOLISABLE MATERIAL**
[54] **APPAREIL DESTINE A VOLATILISER UNE MATIERE PULVERISABLE EN AEROSOL**
[72] SPENCER, ALFRED VINCENT, GB
[72] BRUTON, CONNOR, GB
[72] HEPWORTH, RICHARD, GB
[72] SIMPSON, MICHAEL, US
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-05-27
[86] 2018-11-29 (PCT/EP2018/083036)
[87] (WO2019/106102)
[30] GB (1719867.2) 2017-11-29

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[13] A1
[51] **Int.Cl. D01F 8/14 (2006.01) D02G 3/22 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH FINE-DENIER POLYESTER MULTIFILAMENT**
[54] **MULTIFILAMENT DE POLYESTER TRES RESISTANT A DENIER FIN**
[72] ONO, YUSUKE, JP
[72] SUZUKI, RYOTA, JP
[72] FUJIMORI, MINORU, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-05-28
[86] 2018-11-09 (PCT/JP2018/041591)
[87] (WO2019/107111)
[30] JP (2017-227923) 2017-11-28

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[51] **Int.Cl. B23K 35/30 (2006.01) B23K 9/16 (2006.01) B23K 9/173 (2006.01) B23K 9/23 (2006.01) B23K 35/368 (2006.01)**
[25] EN
[54] **GAS-SHIELDED ARC WELDING WIRE AND GAS-SHIELDED ARC WELDING METHOD**
[54] **FIL POUR SOUDAGE A L'ARC SOUS PROTECTION GAZEUSE ET PROCEDE DE SOUDAGE A L'ARC SOUS PROTECTION GAZEUSE**
[72] IKAI, KAZUYA, JP
[72] IDEDA, TETSUNAO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2020-05-28
[86] 2018-11-29 (PCT/JP2018/044049)
[87] (WO2019/116917)
[30] JP (2017-240614) 2017-12-15

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[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C07K 14/005 (2006.01)**
[25] EN
[54] **VIRAL VECTOR CONSTRUCTS FOR EXPRESSION OF GENETIC ADJUVANTS ACTIVATING THE STING PATHWAY**
[54] **CONSTRUCTIONS DE VECTEURS VIRAUX POUR L'EXPRESSION D'ADJUVANTS GENETIQUES ACTIVANT LA VOIE STING**
[72] BAUCHE, CECILE, FR
[72] MOURLANE, FREDERIC, FR
[72] VAILLANT, RENAUD, FR
[72] SARRY, EMELINE, FR
[71] ARATINGA.BIO AIO, FR
[85] 2020-05-28
[86] 2017-11-28 (PCT/IB2017/001540)
[87] (WO2018/096395)
[30] US (62/426,855) 2016-11-28

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[13] A1
[51] **Int.Cl. C07K 14/005 (2006.01) A61K 39/00 (2006.01) C07K 14/47 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **VIRAL VECTOR CONSTRUCTS FOR EXPRESSION OF GENETIC ADJUVANTS ACTIVATING THE CD40 AND STING PATHWAYS**
[54] **CONSTRUCTIONS DE VECTEURS VIRAUX POUR L'EXPRESSION D'ADJUVANTS GENETIQUES ACTIVANT LES VOIES CD40 ET STING**
[72] VAILLANT, RENAUD, FR
[72] BAUCHE, CECILE, FR
[72] SARRY, EMELINE, FR
[72] MOURLANE, FREDERIC, FR
[71] ARATINGA.BIO AIO, FR
[85] 2020-05-28
[86] 2017-11-28 (PCT/IB2017/001553)
[87] (WO2018/096399)
[30] US (62/426,860) 2016-11-28

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[13] A1
[51] **Int.Cl. A61B 10/00 (2006.01)**
[25] EN
[54] **SELF-SAMPLING UNIVERSAL KIT, METHODS AND USE**
[54] **KIT UNIVERSEL D'AUTO-ECHANTILLONNAGE, PROCEDES ET UTILISATION**
[72] CHAFFRINGEON, BERNARD, AE
[71] V-VEIL-UP PHARMA LTD., CY
[85] 2020-05-28
[86] 2017-11-28 (PCT/IB2017/057456)
[87] (WO2019/106408)

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[13] A1
[51] **Int.Cl. A01N 43/80 (2006.01) A01N 43/54 (2006.01) A01N 43/707 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMBINATIONS**
[54] **ASSOCIATION D'HERBICIDES**
[72] KUMAR, AJIT, IN
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL LTD, IN
[85] 2020-05-28
[86] 2018-11-27 (PCT/IB2018/059341)
[87] (WO2019/106528)
[30] IN (201731042647) 2017-11-28

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[13] A1
[51] **Int.Cl. B65D 21/02 (2006.01)**
[25] EN
[54] **COUPLEABLE CRATE**
[54] **CAISSE POUVANT ETRE COUPLEE**
[72] BRUNNER, YARON, IL
[72] MENASHRI, OMER, IL
[72] SQUIERS, GRANT T., US
[71] KETER PLASTIC LTD., IL
[71] MILWAUKEE ELECTRIC TOOL CORPORATION, US
[85] 2020-05-28
[86] 2019-01-31 (PCT/IL2019/050124)
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[30] IL (257294) 2018-02-01

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[13] A1
[51] **Int.Cl. H04W 28/04 (2009.01) H04W 24/02 (2009.01) H04L 1/18 (2006.01)**
[25] EN
[54] **CODEBOOK FEEDBACK FOR DATA RETRANSMISSIONS**
[54] **RETROACTION DE LIVRE-CODE POUR DES RETRANSMISSIONS DE DONNEES**
[72] LIU, XING, CN
[72] HAO, PENG, CN
[72] GOU, WEI, CN
[72] BI, FENG, CN
[71] ZTE CORPORATION, CN
[85] 2020-04-21
[86] 2017-11-17 (PCT/CN2017/111729)
[87] (WO2019/095314)

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[13] A1
[51] **Int.Cl. G10L 19/00 (2013.01) G10L 19/008 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENCODING OR DECODING DIRECTIONAL AUDIO CODING PARAMETERS USING DIFFERENT TIME/FREQUENCY RESOLUTIONS**
[54] **APPAREIL ET PROCEDE DE CODAGE OU DE DECODAGE DE PARAMETRES DE CODAGE AUDIO DIRECTIONNELS AVEC DES RESOLUTIONS TEMPORELLES/FREQUENTIELLES DIFFERENTES**
[72] FUCHS, GUILLAUME, DE
[72] HERRE, JUERGEN, DE
[72] KUECH, FABIAN, DE
[72] DOEHLA, STEFAN, DE
[72] MULTRUS, MARKUS, DE
[72] THIERGART, OLIVER, DE
[72] WUEBBOLT, OLIVER, DE
[72] GHIDO, FLORIN, DE
[72] BAYER, STEFAN, DE
[72] JAGERS, WOLFGANG, DE
[71] FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2020-05-15
[86] 2018-11-16 (PCT/EP2018/081620)
[87] (WO2019/097017)
[30] EP (17202393.9) 2017-11-17

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[51] **Int.Cl. C07F 7/28 (2006.01) C07F 7/00 (2006.01) C08F 4/52 (2006.01) C08F 4/64 (2006.01) C08F 4/642 (2006.01) C08F 10/02 (2006.01) C08F 210/16 (2006.01)**
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[54] **METAL-LIGAND COMPLEX, CATALYST COMPOSITION COMPRISING SAME FOR ETHYLENE-BASED POLYMERIZATION, AND METHOD FOR PREPARING ETHYLENE-BASED POLYMER BY USING SAME**
[54] **COMPLEXE METAL-LIGAND, COMPOSITION CATALYTIQUE COMPRENANT CELUI-CI POUR UNE POLYMERISATION A BASE D'ETHYLENE ET PROCEDE DE PREPARATION DE POLYMERE A BASE D'ETHYLENE FAISANT APPELA CELLE-CI**
[72] HAN, YONGGYU, KR
[72] OH, YEONOCK, KR
[72] KIM, MIJI, KR
[72] JANG, HYUNMIN, KR
[71] SABIC SK NEXLENE COMPANY PTE. LTD., SG
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[54] **REVETEMENT AMOVIBLE BRILLANT**
[72] URSO, REBECCA A., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[71] URSO, REBECCA A., US
[85] 2020-05-28
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[54] **PRENYLATION ASSAY**
[54] **DOSAGE DE PRENYLATION**
[72] MACLAREN, ROBERT E., GB
[72] MOREIRA PATRICIO, MARIA INES, GB
[72] ROBINSON, GREGORY S., US
[71] NIGHTSTARX LIMITED, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[25] EN
[54] **DEVICES FOR REFLECTING, DEFLECTING, AND/OR ABSORBING ELECTROMAGNETIC RADIATION EMITTED FROM AN ELECTRONIC DEVICE AND METHODS THEREFOR**
[54] **DISPOSITIFS POUR REFLECHIR, DEVIER ET/OU ABSORBER UN RAYONNEMENT ELECTROMAGNETIQUE EMIS PAR UN DISPOSITIF ELECTRONIQUE ET PROCEDES ASSOCIES**
[72] TENENBAUM, WILLIAM CHARLES, US
[72] TENENBAUM, ROGER KENNETH, US
[72] ROTHCHILD, IVAN, US
[71] ROWTAN TECHNOLOGIES LLC, US
[85] 2020-05-28
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[54] **ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT**
[72] KALENTUN, PIA, SE
[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
[85] 2020-05-28
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[25] EN
[54] **CONTEXTUAL RISK MONITORING**
[54] **SURVEILLANCE DE RISQUES CONTEXTUELS**
[72] PELED, TAL, US
[72] TASSA, SHLOMIT, US
[72] NECHUSHTAN, OREN, US
[72] BITON, ARIEL, US
[71] FORESCOUT TECHNOLOGIES, INC., US
[85] 2020-05-28
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[54] **NETWORK INITIATED ON-DEMAND ZERO-ENERGY PAGING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE RADIOMESSAGERIE A LA DEMANDE A ENERGIE NULLE INITIEE PAR UN RESEAU**
[72] HAQUE, TANBIR, US
[72] PRAGADA, RAVIKUMAR V., US
[72] BALASUBRAMANIAN, ANANTHARAMAN, US
[72] DEMIR, ALPASLAN, US
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2020-05-28
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[25] EN
[54] **CENTRAL PROCESSING FACILITY, DIRECT CONTACT STEAM GENERATION OPTIMIZATION**
[54] **INSTALLATION CENTRALE DE TRAITEMENT, OPTIMISATION DE GENERATION DE VAPEUR PAR CONTACT DIRECT**
[72] JURANITCH, JAMES C., US
[71] XDI HOLDINGS, LLC, US
[85] 2020-05-28
[86] 2018-12-03 (PCT/US2018/063627)
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[25] EN
[54] **PROCESS AND INTERMEDIATES FOR PREPARING 1,1,3-TRICHLORO-4,4,4-TRIFLUOROBUT-1-ENE AND (E)-1,1,1,4,4,4-HEXAFLUOROBUT-2-ENE**
[54] **PROCEDE ET INTERMEDIAIRES POUR LA PREPARATION DE 1,1,3-TRICHLORO-4,4,4-TRIFLUOROBUT-1-ENE ET (E)-1,1,1,4,4,4-HEXAFLUOROBUT-2-ENE**
[72] PENG, SHENG, US
[72] PETROV, VIACHESLAV A., US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2020-05-28
[86] 2018-12-04 (PCT/US2018/063825)
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[54] **MANAGING CONTENT CASTING**
[54] **GESTION DE DIFFUSION DE CONTENU**
[72] SIMOTAS, ELEFTHERIOS, GR
[72] SAKELLARIOU, KONSTANTINOS, GR
[72] AGLAMISIS, IOANNIS, GR
[72] POLITOPOULOS, PETER, GR
[71] MCOM MEDIA COMMUNICATIONS DMCC, AE
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[25] EN
[54] **SYSTEMS AND METHODS FOR LIDARS WITH ADJUSTABLE RESOLUTION AND FAILSAFE OPERATION**
[54] **SYSTEMES ET PROCEDES POUR LIDARS AVEC RESOLUTION REGLABLE ET FONCTIONNEMENT A SECURITE INTEGREE**
[72] DROZ, PIERRE-YVES, US
[71] WAYMO LLC, US
[85] 2020-05-28
[86] 2018-10-31 (PCT/US2018/058359)
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[25] EN
[54] **GYPSUM PANELS, SYSTEMS, AND METHODS**
[54] **PLAQUES DE PLATRE, SYSTEMES ET PROCEDES**
[72] TENG, YI-HSIEN HARRY, US
[72] WANG, XIAN-YONG, US
[72] GILLEY, STUART BRANDON, US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
[85] 2020-05-28
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[51] **Int.Cl. C10M 159/22 (2006.01)**
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[54] **ALKYLPHENOL DETERGENTS**
[54] **DETERGENTS A BASE D'ALKYLPHENOL**
[72] DELBRIDGE, EWAN E., US
[72] BURRINGTON, JAMES D., US
[72] MOSIER, PATRICK E., US
[72] PUCKACE, JAMES S., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2020-05-28
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[51] **Int.Cl. D01F 6/76 (2006.01) D04H 1/4326 (2012.01) D04H 1/4382 (2012.01) B01D 39/16 (2006.01)**
[25] EN
[54] **POLYPHENYLENE SULFIDE SHORT FIBER, FIBROUS STRUCTURE, FILTER FELT, AND BAG FILTER**
[54] **FIBRE COURTE DE POLYSULFURE DE PHENYLENE, STRUCTURE FIBREUSE, FEUTRE DE FILTRE ET FILTRE A SAC**
[72] SUGIMOTO, TAKESHI, JP
[72] MITSUNAGA, REO, JP
[72] MORI, TATSUYA, JP
[72] KOBAYASHI, YUMA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-05-28
[86] 2018-12-12 (PCT/JP2018/045684)
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[30] JP (2017-244793) 2017-12-21
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[25] EN
[54] **METHODS AND APPARATUS FOR OPTIMALLY POSITIONING OBJECTS FOR AUTOMATED MACHINING**
[54] **PROCEDES ET APPAREIL POUR POSITIONNER DE MANIERE OPTIMALE DES OBJETS POUR UN USINAGE AUTOMATISE**
[72] BOYLE, ADAM, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2020-05-28
[86] 2018-11-21 (PCT/US2018/062203)
[87] (WO2019/112805)
[30] SG (10201710089W) 2017-12-05
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[51] **Int.Cl. A61K 31/5513 (2006.01) A61K 31/15 (2006.01) A61K 31/5517 (2006.01) G01N 33/50 (2006.01) G01N 33/94 (2006.01)**
[25] EN
[54] **NOVEL PHARMACEUTICAL COMPOSITION FOR TREATING DYSTONIA**
[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE LA DYSTONIE**
[72] KIM, DAE SOO, KR
[72] KIM, JUNG EUN, KR
[71] KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
[85] 2020-05-28
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[87] (WO2019/107767)
[30] KR (10-2017-0160506) 2017-11-28

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[25] EN
[54] **NOVEL PYRIMIDINE DERIVATIVE HAVING EFFECT OF INHIBITING CANCER CELL GROWTH AND PHARMACEUTICAL COMPOSITION CONTAINING SAME**
[54] **NOUVEAU DERIVE DE PYRIMIDINE AYANT POUR EFFET D'INHIBER LA CROISSANCE DE CELLULES CANCEREUSES, ET COMPOSITION PHARMACEUTIQUE CONTENANT CELUI-CI**
[72] KIM, SUNG-EUN, KR
[72] LEE, SUNHO, KR
[72] RAJESH, RENGASAMY, KR
[72] KANG, DAE HO, KR
[72] RYU, HYUNG CHUL, KR
[72] KIM, JAE-SUN, KR
[72] LEE, SANGRYUL, KR
[72] KIM, KYONG CHEOL, KR
[72] RHO, JIN KYUNG, KR
[72] LEE, JAE CHEOL, KR
[71] ONCOBIX CO., LTD., KR
[85] 2020-05-28
[86] 2018-12-06 (PCT/KR2018/015437)
[87] (WO2019/112344)
[30] KR (10-2017-0167809) 2017-12-07
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[25] EN
[54] **ROBOTIC SURGICAL INSTRUMENT INCLUDING INSTRUMENT ROTATION BASED ON TRANSLATION POSITION**
[54] **INSTRUMENT CHIRURGICAL ROBOTIQUE COMPRENANT UNE ROTATION D'INSTRUMENT SUR LA BASE D'UNE POSITION DE TRANSLATION**
[72] SHIELDS, ELIZABETH GAYLE, US
[72] SEOW, CHI MIN, US
[72] KAPADIA, JAIMEEN, US
[72] TAYLOR, ERIC J., US
[72] LECH, RICHARD S., US
[72] MACLEOD, MARK HAMILTON, US
[72] ZEMLOK, MICHAEL, US
[72] AGARWAL, VIPUL, US
[71] COVIDIEN, LP, US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062699)
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[30] US (62/592,450) 2017-11-30

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[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/725 (2006.01)**
[25] EN
[54] **ANTIBODY OR ANTIGEN BINDING FRAGMENT THEREOF FOR SPECIFICALLY RECOGNIZING B CELL MALIGNANCY, CHIMERIC ANTIGEN RECEPTOR COMPRISING SAME AND USE THEREOF**
[54] **ANTICORPS OU SON FRAGMENT DE LIAISON A L'ANTIGENE POUR RECONNAITRE SPECIFIQUEMENT UNE MALIGNITE DE CELLULE B, RECEPTEUR D'ANTIGENE CHIMERIQUE LE COMPRENANT, ET SON UTILISATION**
[72] LEE, JONG SEO, KR
[72] KIM, KYU TAE, KR
[72] KO, BONG KOOK, KR
[72] KIM, KI HYUN, KR
[71] ABCLON INC., KR
[85] 2020-05-28
[86] 2018-12-06 (PCT/KR2018/015445)
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[30] KR (10-2017-0166969) 2017-12-06

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING GLUTATIONE DISULFIDE AND GLUTATHIONE DISULFIDE S-OXIDE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU DISULFURE DE GLUTATIONE ET DU DISULFURE DE GLUTATHION S-OXYDE**
[72] BALAZOVSKIJ, MARK BORISOVICH, RU
[72] ANTONOV, VIKTOR GEORGIEVICH, RU
[72] IGNATENKO, OLEG ALEKSANDROVICH, RU
[71] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTJU "IVA FARM", RU
[85] 2020-05-28
[86] 2018-07-17 (PCT/RU2018/000471)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/454 (2006.01) A61K 31/4709 (2006.01) C07D 491/04 (2006.01)**
[25] EN
[54] **PYRANOPYRAZOLE AND PYRAZOLOPYRIDINE IMMUNOMODULATORS FOR TREATMENT OF AUTOIMMUNE DISEASES**
[54] **IMMUNOMODULATEURS A BASE DE PYRANOPYRAZOLE ET DE PYRAZOLOPYRIDINE POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] PONDA, MANISH P., US
[72] SELNICK, HAROLD, US
[72] EGBERTSON, MELISSA, US
[72] BRESLOW, JAN L., US
[71] THE ROCKEFELLER UNIVERSITY, US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062702)
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[54] **GASTRIC RESIDENT ELECTRONICS**
[54] **ELECTRONIQUES A RESIDENCE GASTRIQUE**
[72] LANGER, ROBERT S., US
[72] TRAVERSO, CARLO GIOVANNI, US
[72] KONG, YONG LIN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2020-05-28
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[51] **Int.Cl. G05D 1/02 (2020.01) B66F 9/00 (2006.01) G05D 1/00 (2006.01) G06K 7/00 (2006.01)**
[25] EN
[54] **MATERIALS HANDLING VEHICLE OPERATING SYSTEM COMPRISING REMEDIAL INDICATOR TAGS**
[54] **SYSTEME DE MAN□UVRE D'UN VEHICULE DE MANUTENTION DE MATERIAUX COMPRENANT DES ETIQUETTES INDICATRICES CORRECTIVES**
[72] WALTON, DANIEL DOUGLAS, US
[72] WILLIAMS, AARON LOUIS, US
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062792)
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[51] **Int.Cl. A61K 38/20 (2006.01) A61K 47/68 (2017.01) A61P 29/00 (2006.01)**
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[54] **IL-2 MUTEINS AND USES THEREOF**
[54] **MUTEINES D'IL-2 ET LEURS UTILISATIONS**
[72] HIGGINSON-SCOTT, NATHAN, US
[72] VINEY, JOANNE L., US
[72] VISWESWARAIAH, JYOTHSNA, US
[72] SAMPSON, ERIK ROBERT, US
[72] OTIPOBY, KEVIN LEWIS, US
[71] PANDION THERAPEUTICS, INC., US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062808)
[87] (WO2019/112854)
[30] US (62/595,357) 2017-12-06
[30] US (62/675,972) 2018-05-24
[30] US (16/109,875) 2018-08-23
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[54] **MENU PERSONALIZATION**
[54] **PERSONNALISATION DE MENU**
[72] KASHANI, ALI HAGHIGHAT, US
[72] LEHMAN, BASTIAN JAN MICHAEL, US
[72] PLAICE, SEAN, US
[72] SHKLARSKY, OREN, US
[71] POSTMATES INC., US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062845)
[87] (WO2019/108650)
[30] US (62/591,726) 2017-11-28
[30] US (16/201,762) 2018-11-27

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[54] **LIGHT PROJECTION SYSTEM**
[54] **SYSTEME DE PROJECTION DE LUMIERE**
[72] JANSSEN, COLIN, US
[72] KASHANI, ALI HAGHIGHAT, US
[72] LEHMAN, BASTIAN JAN MICHAEL, US
[72] PLAICE, SEAN TRACEY, US
[71] POSTMATES INC., US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062882)
[87] (WO2019/108675)
[30] US (62/591,733) 2017-11-28

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[51] **Int.Cl. F21V 31/00 (2006.01) F21V 15/00 (2015.01) F21V 15/01 (2006.01) F21V 21/116 (2006.01) F21V 25/12 (2006.01)**
[25] EN
[54] **LIGHT FIXTURE MOUNT FOR LIGHT FIXTURES IN HAZARDOUS LOCATIONS**
[54] **MONTURE DE LUMINAIRE POUR DES LUMINAIRES DANS DES EMPLACEMENTS DANGEREUX**
[72] VERDES, ANTHONY, US
[72] BOEGE, SAMUAL, US
[71] DIALIGHT CORPORATION, US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062890)
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[30] US (15/826,300) 2017-11-29

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[51] **Int.Cl. E01C 13/08 (2006.01) B32B 5/02 (2006.01) B32B 5/22 (2006.01) B32B 5/24 (2006.01) B32B 5/26 (2006.01) D05C 17/02 (2006.01) E02D 17/20 (2006.01)**
[25] EN
[54] **STABILIZED WATER FLOW CONTROL GROUND COVER**
[54] **COUVERTURE DE SOL A REGULATION D'ECOULEMENT D'EAU STABILISEE**
[72] COOLEY, BRADFORD H, US
[72] AYERS, MICHAEL R, US
[71] WATERSHED GEOSYNTHETICS LLC, US
[85] 2020-05-28
[86] 2018-11-28 (PCT/US2018/062895)
[87] (WO2019/108684)
[30] US (62/591,428) 2017-11-28

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CD47 ANTIBODIES AND USES THEREOF FOR TREATING CANCER**
[54] **ANTICORPS CD47 ET LEURS UTILISATIONS DANS LE TRAITEMENT DU CANCER**
[72] GARDAI, SHYRA, US
[72] LEVENGOOD, MATTHEW, US
[72] TRANG, VIVIAN, US
[72] WESTENDORF, LORI, US
[72] CAROSINO, CHRISTOPHER, US
[72] FELDHAUS, MICHAEL, US
[72] LAW, CHE-LEUNG, US
[71] SEATTLE GENETICS, INC., US
[85] 2020-05-28
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[30] US (62/593,712) 2017-12-01

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[51] **Int.Cl. A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITION**
[54] **COMPOSITION DE SOINS BUCCAUX**
[72] QUEIROZ, DANIEL, US
[72] TESTER, CHANTEL, US
[72] GIANO, MICHAEL C., US
[72] CHEN, REBECCA, US
[72] GAMBOGI, ROBERT J., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **SYNTHESE EVOLUTIVE DE DIMERE D'ALPHA-STYRENE HYDROGENE<U />**
[72] RAJULE, RAJKUMAR, IN
[72] DAMBACHER, JESSE, US
[71] VALVOLINE LICENSING AND INTELLECTUAL PROPERTY LLC, US
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[54] **FLOATING MARITIME VESSEL COMPRISING A DETACHABLE MEASURING KEEL**
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[71] IXBLUE, FR
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[54] **METHOD FOR SIMULATING AND OPTIMIZING LOADING OF A TRANSPORT SYSTEM**
[54] **PROCEDE DE SIMULATION ET D'OPTIMISATION DE CHARGEMENT D'UN SYSTEME DE TRANSPORT**
[72] WINCKEL, DAVID, FR
[72] MAURIN, BENJAMIN, FR
[72] KARNOUKIAN, MARC, FR
[71] LOHR ELECTROMECANIQUE, FR
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[54] **SYSTEM AND METHOD FOR MONITORING AND CONTROLLING FIRE SUPPRESSION SYSTEMS IN COMMERCIAL KITCHENS**
[54] **SYSTEME ET PROCEDE POUR SURVEILLER ET COMMANDER DES SYSTEMES DE SUPPRESSION D'INCENDIE DANS DES CUISINES COMMERCIALES**
[72] GRIFFIN, WILLIAM BRIAN, US
[72] GLAUB, WILLIAM EARLE, US
[72] AMBROSE, BRADY JAY, US
[72] BEARD, JESSE, US
[71] CAPTIVE-AIRE SYSTEMS, INC., US
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[54] **SYSTEM AND METHOD FOR DYNAMIC PAIRING FUNCTION OPTIMIZATION**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DE FONCTION D'APPARIEMENT DYNAMIQUE**
[72] CHOPRA, ROHAN BALRAJ, US
[72] HWANG, RICHARD, US
[72] HAN, JEFF NING, US
[71] DOORDASH, INC., US
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[54] **CONSERVATION DE CONTEXTE DANS DES CONVERSATIONS DE TRANSACTION**
[72] CAMPOS, TOMAS ARIEL, US
[72] APPANA, RAJIV VENKATARAMANA, US
[72] VAISH, TUSHAR, US
[72] BLANDINA, MICHAEL SCOTT, US
[71] ONEMARKET NETWORK LLC, US
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[54] **IRAK4 INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS D'IRAK4 ET LEURS UTILISATIONS**
[72] XIE, YINONG, US
[72] BABISS, LEE E., US
[71] SYNBLIA THERAPEUTICS, INC., US
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[54] **SYSTEMS AND METHODS FOR MINIMIZING THE SURFACE HYDROLYTIC RESPONSE FROM PHARMACEUTICAL PART CONVERTING USING PULSED EJECTION**
[54] **SYSTEMES ET PROCEDES POUR REDUIRE AU MINIMUM LA REPONSE HYDROLYTIQUE DE SURFACE DE LA CONVERSION D'UNE PIECE PHARMACEUTIQUE A L'AIDE D'UNE EJECTION PULSEE**
[72] KLINGENSMITH, LEWIS KIRK, US
[72] MATUSICK, JOSEPH MICHAEL, US
[72] O'MALLEY, CONNOR THOMAS, US
[72] TROSA, MATTHEW DANIEL, US
[72] WAGNER, STEVEN ROBERT, US
[71] CORNING INCORPORATED, US
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[54] **PLASTIC FLOORING PROCESSING PROCESS UTILIZING DIGITAL PRINTING**
[54] **PROCEDE DE TRAITEMENT DE REVETEMENTS DE SOL EN PLASTIQUE UTILISANT L'IMPRESSION NUMERIQUE**
[72] DAI, HUIBIN, CN
[72] ZHANG, ZHONGFEI, CN
[72] ZHAO, PEIDONG, CN
[71] ZHEJIANG KINGDOM PLASTICS INDUSTRY CO., LTD., CN
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[54] **METHODS FOR MINIMIZING THE SURFACE HYDROLYTIC RESPONSE IN GLASS ARTICLES BY PRODUCING A GAS FLOW DURING PHARMACEUTICAL PART CONVERTING**
[54] **PROCEDES POUR REDUIRE AU MINIMUM LA REPONSE HYDROLYTIQUE DE SURFACE DANS DES ARTICLES EN VERRE PAR LA PRODUCTION D'UN ECOULEMENT DE GAZ PENDANT LA TRANSFORMATION D'UN ELEMENT PHARMACEUTIQUE**
[72] GAYLO, KEITH RAYMOND, US
[72] KLINGENSMITH, LEWIS KIRK, US
[72] MATUSICK, JOSEPH MICHAEL, US
[72] MCENROE, DAVID JOHN, US
[72] O'MALLEY, CONNOR THOMAS, US
[72] PANIDES, ELIAS, US
[72] TROSA, MATTHEW DANIEL, US
[72] WAGNER, STEVEN ROBERT, US
[71] CORNING INCORPORATED, US
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[54] **PROPAGATION PATH SEARCH METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE RECHERCHE DE TRAJET DE PROPAGATION**
[72] GAO, YUEFAN, CN
[72] LI, XIAOLONG, CN
[72] WANG, CAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-05-29
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[54] **SEAL, ASSEMBLY, AND METHODS OF USING THE SAME**
[54] **JOINT D'ETANCHEITE, ENSEMBLE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] TASLAKIAN, BEDROS J., US
[72] DELEUZE, CHARLES, US
[72] VAN GILS, KRIS, BE
[72] PROOST, BENNY, BE
[72] AERTS, PETER, BE
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
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[54] **DONNEES DE TABLE DE REDISTRIBUTION DANS UNE GRAPPE DE BASES DE DONNEES**
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[72] ZHU, CHENG, US
[72] CAI, LE, US
[72] ZHOU, QINGQING, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-05-29
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[54] **SYSTEME DE STIMULATION HYDRAULIQUE MULTIZONE**
[72] CALAHAN, SEAN, US
[72] ABRAHAM, AJU, US
[72] NOWOWIEJSKI, DAVID, US
[72] SHEWCHUK, CHRIS, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2020-05-29
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[54] **ABRASIVE ARTICLES AND METHODS OF FORMING SAME**
[54] **PARTICULES ABRASIVES ET LEURS PROCEDES DE FORMATION**
[72] JIANG, YI, US
[72] GLEASON, WARREN V., US
[72] MALONE, PATRICK J., DE
[72] BATEMAN, CHARLES A., US
[72] YENER, DORUK O., US
[72] HAMPDEN-SMITH, MARK, US
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
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[54] **DOUBLE-STRANDED OLIGONUCLEOTIDE, COMPOSITION AND CONJUGATE COMPRISING DOUBLE-STRANDED OLIGONUCLEOTIDE, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **OLIGONUCLEOTIDE DOUBLE BRIN, COMPOSITION ET CONJUGUE COMPRENANT UN OLIGONUCLEOTIDE DOUBLE BRIN, PROCEDE DE PREPARATION ET UTILISATION ASSOCIES**
[72] ZHANG, HONGYAN, CN
[72] GAO, SHAN, CN
[72] KANG, DAIWU, CN
[71] SUZHOU RIBO LIFE SCIENCE CO., LTD., CN
[85] 2020-05-29
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[30] CN (201711249356.9) 2017-12-01
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[54] **COMPOSITIONS AND METHODS FOR CANCER THERAPY**
[54] **COMPOSITIONS ET METHODES POUR UNE CANCEROTHERAPIE**
[72] BEUTLER, BRUCE, US
[72] NAIR-GILL, EVAN, US
[72] ZHONG, XUE, US
[72] ZHANG, JINGLEI, US
[72] WANG, PINGPING, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[71] EXPHENOM, LLC, US
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[25] EN
[54] **NUCLEIC ACID, COMPOSITION AND CONJUGATE CONTAINING SAME, AND PREPARATION METHOD AND USE**
[54] **ACIDE NUCLEIQUE, COMPOSITION ET CONJUGUE EN CONTENANT, ET PROCEDE DE PREPARATION ET UTILISATION**
[72] ZHANG, HONGYAN, CN
[72] GAO, SHAN, CN
[72] KANG, DAIWU, CN
[71] SUZHOU RIBO LIFE SCIENCE CO., LTD., CN
[85] 2020-05-29
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[54] **LIQUID FORMULATION OF HUMANIZED ANTIBODY FOR TREATING IL-6 RELATED DISEASES**
[54] **PREPARATION LIQUIDE D'ANTICORPS HUMANISE POUR LE TRAITEMENT D'UNE MALADIE LIEE A L'IL-6**
[72] LIN, JIAN, CN
[72] LIU, FAN, CN
[72] YUE, RUI, CN
[72] WU, ZHIHAO, CN
[72] WANG, SHENGWU, CN
[72] LI, SHENGFENG, CN
[71] BIO-THERA SOLUTIONS, LTD., CN
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[54] **DISPLAY AND ANALYSIS SYSTEM FOR MEDIA CONTENT**
[54] **SYSTEME D'AFFICHAGE ET D'ANALYSE DE CONTENU MULTIMEDIA**
[72] OTERO, VANESSA L., US
[71] AD FONTES MEDIA, INC., US
[85] 2020-05-29
[86] 2018-11-29 (PCT/US2018/063088)
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[51] **Int.Cl. E01C 23/08 (2006.01)**
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[54] **METHOD FOR FORMING THREE-DIMENSIONAL TEXTURE ON PLASTIC FLOOR**
[54] **PROCEDE DE FORMATION DE TEXTURE TRIDIMENSIONNELLE SUR SOL EN PLASTIQUE**
[72] DAI, HUIBIN, CN
[72] ZHAO, PEIDONG, CN
[72] ZHANG, ZHONGFEI, CN
[71] ZHEJIANG KINGDOM PLASTICS INDUSTRY CO., LTD., CN
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[54] **A PIPE AND A METHOD FOR STAY CABLE PROVIDED WITH STRESSING MEANS**
[54] **TUYAU ET PROCEDE POUR CABLE DE HAUBANAGE DOTE DE MOYENS DE CONTRAINTE**
[72] ANNAN, RACHID, CH
[72] TROTTET, GREGORY, CH
[72] ADDISON, DAVID, CH
[71] VSL INTERNATIONAL AG, CH
[85] 2020-05-29
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[54] **COMPOUNDS FOR TREATMENT OF DISEASES RELATED TO DUX4 EXPRESSION**
[54] **COMPOSES POUR LE TRAITEMENT DE MALADIES LIEES A L'EXPRESSION DE DUX4**
[72] DE MAEYER, JORIS, BE
[72] GEESE, MARCUS, DE
[72] SCHNEIDER, MARTIN, DE
[72] MONECKE, SEBASTIAN, DE
[72] KAEVER, ALEXANDER, DE
[72] ERMANN, MONIKA, GB
[72] JAMES, TIMOTHY ROBIN, GB
[71] FACIO INTELLECTUAL PROPERTY B.V., NL
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[54] **BIOFOULING RESISTANT COATINGS AND METHODS OF MAKING AND USING THE SAME**
[54] **REVETEMENTS RESISTANT AUX SALISSURES BIOLOGIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] CHEN, DAYONG, US
[72] MCVERRY, BRIAN T., US
[72] RAO, ETHAN, US
[72] POLASKO, ALEXANDRA L., US
[72] KANER, RICHARD B., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] HYDROPHILIX, INC., US
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[86] 2018-11-30 (PCT/US2018/063196)
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[30] US (62/593,645) 2017-12-01

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[54] **VACCIN POUR LA PROTECTION CONTRE LE STREPTOCOCCUS SUIS**
[72] JACOBS, ANTONIUS ARNOLDUS CHRISTIAAN, NL
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-05-29
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[54] **BARRIERE D'EAU PORTATIVE**
[72] HAALAND, KRISTIAN VEMUND, NO
[72] WALDERHAUG, OYSTEIN BLIX, NO
[71] HAAWAL ENGINEERING AS, NO
[85] 2020-05-29
[86] 2018-12-14 (PCT/EP2018/085004)
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[25] EN
[54] **SYSTEM AND METHOD FOR CHARACTERISING BIOREACTOR FLUIDS USING A MAGNETIC RESONANCE APPARATUS**
[54] **SYSTEME ET PROCEDE DE CARACTERISATION DE FLUIDES DE BIOREACTEUR A L'AIDE D'UN APPAREIL DE RESONANCE MAGNETIQUE**
[72] BLUMBERG, DAVID, US
[72] TILLEY, MICHAEL C., US
[72] KANE, DEREK G., US
[72] NIVENS, DAVID C., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[30] US (62/593,408) 2017-12-01
[30] US (62/701,251) 2018-07-20

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[51] **Int.Cl. A01M 21/04 (2006.01) A01G 13/06 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR CONTROLLING VEGETATION BY MEANS OF A HEATED GAS**
[54] **PROCEDE ET APPAREIL DE LUTTE CONTRE LA VEGETATION GRACE A UN GAZ CHAUFFE**
[72] POLLEUNIS, MARC GUY, BE
[71] AGROFROST NV, BE
[85] 2020-05-29
[86] 2018-12-14 (PCT/EP2018/085091)
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[30] BE (BE2018/5704) 2018-10-15

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[51] **Int.Cl. F16F 15/027 (2006.01)**
[25] EN
[54] **VIBRATING MACHINE WITH BEARING DEVICE AND METHOD OF OPERATING VIBRATING MACHINE**
[54] **SYSTEME DE SUPPORT POUR UNE MACHINE VIBRANTE, MACHINE VIBRANTE ET PROCEDE SERVANT A FAIRE FONCTIONNER UNE MACHINE VIBRANTE**
[72] HALLADIN, JORG, DE
[72] LOHSCHELLER, NIKLAS, DE
[71] SPALECK GMBH & CO. KOMMANDITGESELLSCHAFT, DE
[85] 2020-05-29
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[54] **HYDROGEN PRODUCTION BY DOWNHOLE ELECTROLYSIS OF RESERVOIR BRINE FOR ENHANCED OIL RECOVERY**
[54] **PRODUCTION D'HYDROGENE PAR ELECTROLYSE EN PROFONDEUR DE FORAGE DE SAUMURE DE RESERVOIR POUR UNE RECUPERATION AMELIOREE DE PETROLE**
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[72] AL-DAOUS, MOHAMMED, SA
[72] BAHLOULI, HUSSAM, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **ALBUMIN-BINDING PRODRUGS OF AURISTATIN E DERIVATIVES**
[54] **PROMEDICAMENTS SE LIANT A L'ALBUMINE DE DERIVES D'AURISTATINE E**
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[72] ABU AJAJ, KHALID, DE
[72] WARNECKE, ANNA, DE
[72] NOLLMANN, FRIEDERIKE I., DE
[72] KOESTER, STEPHAN DAVID, DE
[72] GARCIA FERNANDEZ, JAVIER, DE
[72] PES, LARA, DE
[72] WALTER, HEIDI-KRISTIN, DE
[72] MAGNUSSON, JOHANNES PALL, DE
[72] CHERCHEJA, SERGHEI, DE
[72] PEREZ GALAN, PATRICIA, DE
[72] MEDDA, FEDERICO, DE
[72] DAUM, STEFFEN JOSEF, DE
[71] CENTURION BIOPHARMA CORPORATION, US
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[54] **METHOD AND SYSTEM FOR EXTERNAL FISH PARASITE MONITORING IN AQUACULTURE**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE PARASITES EXTERNES DE POISSON EN AQUACULTURE**
[72] HOWE, RUSSEL, US
[72] LIZER, ZACHARY, US
[72] SARRETT, JAMES WALLACE, US
[72] ABRAHAMSON, PETER JON, US
[72] LITTLE, JASCHA TUCKER, US
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[54] **SYSTEMES D'ADMINISTRATION DE MEDICAMENTS A BASE DE MAYTANSINOIDES**
[72] KRATZ, FELIX, DE
[72] ABU AJAJ, KHALID, DE
[72] WARNECKE, ANNA, DE
[72] NOLLMANN, FRIEDERIKE I., DE
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[72] GARCIA FERNANDEZ, JAVIER, DE
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[72] MAGNUSSON, JOHANNES PALL, DE
[72] CHERCHEJA, SERGHEI, DE
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[72] DAUM, STEFFEN JOSEF, DE
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[54] **METHOD FOR PRODUCING (3S)-3-(4-CHLOR-3-{[(2S,3R)-2-(4-CHLORPHENYL)-4,4,4-TRIFLUOR-3-METHYLBUTANOYL]AMINO}PHENYL)-3-CYCLO-PROPYLPROPANOIC ACID AND THE CRYSTALLINE FORM THEREOF FOR USE AS A PHARMACEUTICAL INGREDIENT**
[54] **PROCEDE DE PREPARATION D'ACIDE (3S)-3-(4-CHLORO-3-{[(2S,3R)-2-(4-CHLOROPHENYL)-4,4,4-TRIFLUORO-3-METHYLBUTANOYL]AMINO}PHENYL)-3-CYCLOPROPYLPROPANOIQUE ET SA FORME CRISTALLINE POUR UNE UTILISATION EN TANT QUE PRINCI PE ACTIF PHARMACEUTIQUE**
[72] FEY, PETER, DE
[72] RUBENBAUER, PHILIPP, DE
[72] LOVIS, KAI, DE
[72] OLENIK, BRITTA, DE
[72] KUSEL, JULIA, DE
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[54] **SYSTEMES DE COMMUNICATION SANS FIL AVEC ACCES MULTIPLE PAR REPARTITION EN CODE ET EVITEMENT DE BROUILLAGE**
[72] CHURAN, GARY, US
[71] ATC TECHNOLOGIES, LLC, US
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[54] **SYSTEMS AND METHODS FOR IMPROVED DATA ENCRYPTION**
[54] **SYSTEMES ET PROCEDES DE CHIFFREMENT DE DONNEES AMELIORE**
[72] CHRISTMAS, COY, US
[72] MALPASS, LUKE, GB
[71] FASETTO, INC., US
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[54] **METHODS OF IMPROVING ADENO-ASSOCIATED VIRAL TRANSDUCTION**
[54] **METHODES D'AMELIORATION DE LA TRANSDUCTION DES VIRUS ADENO-ASSOCIES**
[72] FERREIRA, VALERIE, NL
[71] UNIQURE IP B.V., NL
[85] 2020-05-29
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[54] **DERIVES DE PYRROLE UTILISES EN TANT QU'INHIBITEURS D'ACC**
[72] BACH TANA, JORDI, ES
[72] ESTEVE TRIAS, CRISTINA, ES
[72] MIR CEPEDA, MARTA, ES
[71] ALMIRALL, S.A., ES
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[54] **AN EAR CUP ASSEMBLY FOR A HEARING PROTECTOR**
[54] **ENSEMBLE OREILLETTE POUR PROTECTION AUDITIVE**
[72] TOYKKALA, ARI-PEKKA, FI
[72] LAMBERG, MIKAEL, FI
[71] SAVOX COMMUNICATIONS OY AB (LTD), FI
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[25] EN
[54] **METHOD AND APPARATUS FOR BURNING ODOR GAS**
[54] **PROCEDE ET APPAREIL DE COMBUSTION DE GAZ ODORANT**
[72] KYTO, MATTI, FI
[71] VALMET TECHNOLOGIES OY, FI
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[54] **APPAREIL ENDOVASCULAIRE**
[72] HERLINGER, NIR, US
[72] HOYE, JESSICA LYNN ROLL, US
[72] BOYLE, KEVIN HUGH VINCENT, US
[71] C. R. BARD, INC., US
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[54] **LASER PROJECTOR AND DIFFRACTIVE DISPLAY DEVICE**
[54] **PROJECTEUR LASER ET DISPOSITIF D'AFFICHAGE DIFFRACTIF**
[72] BLOMSTEDT, KASIMIR, FI
[72] OLKKONEN, JUUSO, FI
[72] AIKIO, MIKA, FI
[71] DISPELIX OY, FI
[85] 2020-05-29
[86] 2018-12-14 (PCT/FI2018/050929)
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[30] FI (20176163) 2017-12-22

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[25] EN
[54] **A METHOD AND A SYSTEM FOR ADJUSTING S/NA -BALANCE OF A PULP MILL**
[54] **PROCEDE ET SYSTEME DE REGLAGE DE L'EQUILIBRE S/NA D'UNE USINE DE PATE A PAPIER**
[72] HAMALAINEN, RISTO, FI
[72] TUOMINIEMI, SEPPO, FI
[71] VALMET TECHNOLOGIES OY, FI
[85] 2020-05-29
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[25] EN
[54] **A METHOD AND A SYSTEM FOR ADJUSTING S/NA -BALANCE OF A PULP MILL**
[54] **PROCEDE ET SYSTEME DE REGLAGE D'EQUILIBRE S/NA D'UNE USINE DE PATE A PAPIER**
[72] HAMALAINEN, RISTO, FI
[72] TUOMINIEMI, SEPPO, FI
[71] VALMET TECHNOLOGIES OY, FI
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[25] EN
[54] **STAIRCASE WAVEGUIDE ELEMENT, PERSONAL DISPLAY DEVICE AND METHOD OF PRODUCING AN IMAGE**
[54] **ELEMENT GUIDE D'ONDES EN ESCALIER, DISPOSITIF D'AFFICHAGE PERSONNEL, ET PROCEDE DE PRODUCTION D'UNE IMAGE**
[72] BLOMSTEDT, KASIMIR, FI
[71] DISPELIX OY, FI
[85] 2020-05-29
[86] 2018-12-20 (PCT/FI2018/050957)
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[54] **PISTOL ACTIVITY RECORDING DEVICE**
[54] **DISPOSITIF D'ENREGISTREMENT D'ACTIVITE DE PISTOLET**
[72] ESTES, JAMES CLINTON, III, US
[71] ESTES, JAMES CLINTON, III, US
[85] 2020-05-29
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[54] **BUILDING COMPONENTS FOR JOINING STRUCTURAL MEMBERS**
[54] **ELEMENTS DE CONSTRUCTION POUR ASSEMBLER DES ELEMENTS STRUCTURAUX**
[72] ZARNANI, POUYAN, NZ
[72] QUENNEVILLE, PIERRE JOSEPH HENRI, NZ
[71] AUCKLAND UNISERVICES LIMITED, NZ
[85] 2020-05-29
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[51] **Int.Cl. B65D 75/58 (2006.01) B65D 47/06 (2006.01)**
[25] EN
[54] **POURING SPOUT FITMENT FOR FLEXIBLE CONTAINER**
[54] **ENSEMBLE BEC VERSEUR DESTINE A UN RECIPIENT SOUPLE**
[72] CROSBY, BRYAN JUSTIN ROBERT, US
[71] GBS HOLDINGS LLC, US
[85] 2020-05-29
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[25] EN
[54] **ONE STEP MILLING PROCESS FOR PREPARING MICRONIZED PALIPERIDONE ESTERS**
[54] **PROCEDE DE BROYAGE EN UNE ETAPE POUR PREPARER DES ESTERS DE PALIPERIDONE MICRONISES**
[72] SANDERS, WILLIAMS, US
[72] LIU, DEMIN, US
[72] YUE, BAOHUA, US
[71] SPECGX LLC, US
[85] 2020-05-28
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[30] US (62/598,827) 2017-12-14

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[51] **Int.Cl. B65H 20/12 (2006.01)**
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[54] **TOOL AND METHOD FOR SEPARATING AND PICKING CUT PIECES OF FLEXIBLE MATERIALS**
[54] **OUTIL ET PROCEDE DE SEPARATION ET DE RAMASSAGE DE MORCEAUX DECOUPES DE MATERIAUX FLEXIBLES**
[72] BLACK, DEREK D., US
[72] GEISINGER, JOSEPH W., US
[72] GRUPINSKI, STEPHEN G., US
[72] WICKER, WILLIAM W., US
[71] ARM AUTOMATION, INC., US
[85] 2020-05-29
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[51] **Int.Cl. A61K 38/26 (2006.01) A61P 3/00 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **INCRETIN ANALOGS AND USES THEREOF**
[54] **ANALOGUES D'INCRETINE ET LEURS UTILISATIONS**
[72] ALSINA-FERNANDEZ, JORGE, US
[72] COSKUN, TAMER, US
[72] GUO, LILI, US
[72] QU, HONGCHANG, US
[71] ELI LILLY AND COMPANY, US
[85] 2020-05-28
[86] 2018-12-14 (PCT/US2018/065605)
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[30] US (62/608,644) 2017-12-21

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[54] **INCRETIN ANALOGS AND USES THEREOF**
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[72] COSKUN, TAMER, US
[72] GUO, LILI, US
[72] QU, HONGCHANG, US
[71] ELI LILLY AND COMPANY, US
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[25] EN
[54] **SENSOR MONITORING SYSTEM FOR IN-DWELLING CATHETER BASED TREATMENTS**
[54] **SYSTEME DE SURVEILLANCE DE CAPTEUR POUR TRAITEMENTS A BASE DE CATHETER A DEMEURE**
[72] ELBADRY, ALY R., US
[72] YU, ERIC HSIANG, US
[72] SALEH, AHMAD NAIM, US
[72] SNYDER, MICHAEL AUSTIN, US
[71] GASTROKLENZ INC., US
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[25] EN
[54] **HEART SIMULATION SYSTEM FOR MEDICAL SERVICES OR DIAGNOSTIC MACHINES**
[54] **SYSTEME DE SIMULATION CARDIAQUE POUR DES SERVICES MEDICAUX OU DES MACHINES DE DIAGNOSTIC**
[72] TALLMAN, RICHARD D., JR., US
[71] TALLMAN, RICHARD D., JR., US
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[51] **Int.Cl. B65B 11/10 (2006.01) B65B 11/48 (2006.01)**
[25] EN
[54] **BANDING AND PACKAGING DEVICE**
[54] **DISPOSITIF DE BANDEROLAGE ET D'EMBALLAGE**
[72] ISHIZUKA, AKINORI, JP
[72] KISHIMOTO, TETSUYA, JP
[72] SHIBAO, KENICHI, JP
[71] OSAKA SEALING PRINTING CO., LTD., JP
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[54] **AUTOMATICALLY GENERATING REASONING GRAPHS**
[54] **GENERATION AUTOMATIQUE DE GRAPHES DE RAISONNEMENT**
[72] CREEL, CHRISTOPER TAYLOR, US
[72] VESTAL, WILLIAM PAIGE, US
[72] WATSON, CHRISTOPHER SHAWN, US
[71] COTIVITI, INC., US
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[30] US (15/828,706) 2017-12-01

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[51] **Int.Cl. C12Q 1/6837 (2018.01) C12Q 1/689 (2018.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR ESTIMATING INFLAMMATION AREA OF PERIODONTAL POCKETS**
[54] **PROCEDE D'ESTIMATION DE SURFACE D'INFLAMMATION DE POCHE PARODONTALE**
[72] TOGAWA, NAOYUKI, JP
[72] HARA, AI, JP
[72] MURAKAMI, SHINYA, JP
[72] NOZAKI, TAKENORI, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2020-05-29
[86] 2018-11-02 (PCT/JP2018/040916)
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[25] EN
[54] **INTRAORAL EXAMINATION METHOD USING INFORMATION ON BACTERIAL GROUP RELATED TO CLINICAL INDEXES**
[54] **PROCEDE D'INSPECTION DE LA CAVITE BUCCALE METTANT EN OEUVRE DES INFORMATIONS RELATIVES A UN GROUPE BACTERIEN EN RELATION AVEC DES INDICES CLINIQUES**
[72] TOGAWA, NAOYUKI, JP
[72] HARA, AI, JP
[72] MURAKAMI, SHINYA, JP
[72] NOZAKI, TAKENORI, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
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[25] EN
[54] **ECTODERMAL MESENCHYMAL STEM CELLS AND METHOD FOR PRODUCING SAME**
[54] **CELLULES SOUCHES MESENCHYMATEUSES ECTODERMIQUES ET LEUR PROCEDE DE PRODUCTION**
[72] TAMAI, KATSUTO, JP
[72] SHIMBO, TAKASHI, JP
[72] SASAKI, EIJI, JP
[72] YAMAZAKI, TAKEHIKO, JP
[71] STEMRIM INC., JP
[71] OSAKA UNIVERSITY, JP
[85] 2020-05-29
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[30] US (62/593,310) 2017-12-01

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[54] **COATING COMPOSITION AND METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **COMPOSITION DE REVETEMENT ET PROCEDE DE FORMATION DE FILM DE REVETEMENT MULTICOUCHE**
[72] MIWA, YASUNORI, JP
[72] KAKII, TAKUHIRO, JP
[72] INAZUMI, TAKANORI, JP
[72] MIZUGUCHI, KATSUMI, JP
[72] IIDA, HIROSHI, JP
[72] OKADA, TAKUMA, JP
[71] NIPPON PAINT AUTOMOTIVE COATINGS CO., LTD., JP
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[54] **ENGINEERED CAS9 SYSTEMS FOR EUKARYOTIC GENOME MODIFICATION**
[54] **SYSTEMES CAS9 MODIFIES POUR MODIFIER LE GENOME DES EUCARYOTES**
[72] SEEBECK, TIMOTHY, US
[72] CHEN, FUQIANG, US
[72] DAVIS, GREGORY, US
[71] SIGMA-ALDRICH CO. LLC, US
[85] 2020-05-28
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[54] **METHOD AND SYSTEM FOR THE GENERATION AND CONTROL OF HIGH-DIMENSIONAL MULTI-PARTITE QUANTUM STATES**
[54] **PROCEDE ET SYSTEME POUR LA GENERATION ET LA COMMANDE D'ETATS QUANTIQUES MULTIPARTITES DE GRANDE DIMENSION**
[72] KUES, MICHAEL, DE
[72] REIMER, CHRISTIAN, DE
[72] SCIARA, STEFANIA, CA
[72] ROMERO CORTES, LUIS, ES
[72] AZANA, JOSE, CA
[72] MORANDOTTI, ROBERTO, CA
[72] JESTIN, YOANN, CA
[72] ROZTOCKI, PIOTR, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
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[54] **COVALENT ANESTHETIC-POLYMER CONJUGATES FOR PROLONGED LOCAL ANESTHESIA**
[54] **CONJUGUES COVALENTS ANESTHESIQUES-POLYMERES POUR ANESTHESIE LOCALE PROLONGEE**
[72] KOHANE, DANIEL S., US
[72] ZHAO, CHAO, US
[71] THE CHILREN'S MEDICAL CENTER CORPORATION, US
[85] 2020-05-29
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[54] **METHOD FOR RESTORING HAIR FOLLICLES AND HAIR GROWTH**
[54] **PROCEDE DE RESTAURATION DE FOLLICULES PILEUX ET DE LA POUSSE DES CHEVEUX**
[72] O'ROURKE, BRIAN, US
[71] MICROCURES, INC., US
[85] 2020-05-29
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[54] **AN IMPROVED STAMP**
[54] **ESTAMPAGE AMELIORE**
[72] ALUSA, JULIE, US
[72] PITT, KATHY, US
[72] WALKER, EMILY, US
[71] STAMPIN UP! INC., US
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[54] **SYSTEMS AND METHODS FOR MINIMIZING THE SURFACE HYDROLYTIC RESPONSE FROM PHARMACEUTICAL PART CONVERTING USING NEGATIVE PRESSURE EVACUATION**
[54] **SYSTEMES ET PROCEDES POUR REDUIRE AU MINIMUM LA REPONSE HYDROLYTIQUE DE SURFACE DE LA CONVERSION D'UNE PIECE PHARMACEUTIQUE A L'AIDE D'UNE EVACUATION SOUS PRESSION NEGATIVE**
[72] GAYLO, KEITH RAYMOND, US
[72] KLINGENSMITH, LEWIS KIRK, US
[72] MATUSICK, JOSEPH MICHAEL, US
[72] PANIDES, ELIAS, US
[71] CORNING INCORPORATED, US
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[54] **MODULATORS OF COMPLEMENT ACTIVITY**
[54] **MODULATEURS DE L'ACTIVITE DU COMPLEMENT**
[72] RICARDO, ALONSO, US
[72] HOARTY, MICHELLE DENISE, US
[72] FARZANEH-FAR, RAMIN, US
[71] RA PHARMACEUTICALS, INC., US
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[54] **SYSTEME DE CAPSULE DE PRELEVEMENT**
[72] JONES, JAMES PHILLIP, US
[71] JONES, JAMES PHILLIP, US
[85] 2020-05-29
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[54] **MULTI-LAYER SKIN CONSTRUCTS AND METHODS OF MAKING AND USING THE SAME**
[54] **CONSTRUCTIONS CUTANEES MULTICOUCHES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] VARKEY, MATHEW, US
[72] ATALA, ANTHONY, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2020-05-29
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[54] **PERSONAL CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS D'HYGIENE PERSONNELLE**
[72] DUBOVOY, VIKTOR, US
[72] MAO, JUNHONG, US
[72] SUBRAMANYAM, RAVI, US
[72] PAN, LONG, US
[72] BRINZARI, TATIANA, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **AROMATIC ALCOHOL-LIGNIN-ALDEHYDE RESINS AND PROCESSES FOR MAKING AND USING SAME**
[54] **RESINES D'ALCOOL AROMATIQUE-LIGNINE-ALDEHYDE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] WILLIAMSON, BOBBY L., US
[72] MADDIX, COPELAND C., US
[71] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2020-05-29
[86] 2018-12-07 (PCT/US2018/064625)
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[51] **Int.Cl. G06F 16/178 (2019.01) G06F 16/17 (2019.01)**
[25] EN
[54] **UPDATING A REMOTE TREE FOR A CLIENT SYNCHRONIZATION SERVICE**
[54] **MISE A JOUR D'UN ARBRE DISTANT POUR UN SERVICE DE SYNCHRONISATION CLIENT**
[72] YING, ROBERT, US
[72] KOORAPATI, NIPUNN, US
[72] GUPTA, GAUTAM, US
[71] DROPBOX, INC., US
[85] 2020-05-29
[86] 2018-12-10 (PCT/US2018/064670)
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[30] US (62/611,473) 2017-12-28
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[54] **ENHANCED POSE DETERMINATION FOR DISPLAY DEVICE**
[54] **DETERMINATION DE POSTURE AMELIOREE POUR DISPOSITIF D'AFFICHAGE**
[72] ZAHNERT, MARTIN GEORG, US
[72] FARO, JOAO ANTONIO PEREIRA, US
[72] VELASQUEZ, MIGUEL ANDRES GRANADOS, US
[72] KASPER, DOMINIK MICHAEL, US
[72] SWAMINATHAN, ASHWIN, US
[72] MOHAN, ANUSH, US
[72] SINGHAL, PRATEEK, US
[71] MAGIC LEAP, INC., US
[85] 2020-05-29
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[54] **POLYCYCLIC COMPOUNDS AS ALLOSTERIC SHP2 INHIBITORS**
[54] **COMPOSES POLYCYCLIQUES UTILISES EN TANT QU'INHIBITEURS ALLOSTERIQUES DE SHP2**
[72] KOLTUN, ELENA S., US
[72] AAY, NAING N., US
[72] BUCKL, ANDREAS, US
[72] MELLEM, KEVIN T., US
[72] BLANK, BRIAN R., US
[72] PITZEN, JENNIFER, US
[72] WANG, GANG, US
[72] JOGALEKAR, ASHUTOSH S., US
[72] WON, WALTER S., US
[72] TZITZILONIS, CHRISTOS, US
[72] LI, JIE JACK, US
[72] GILL, ADRIAN LIAM, US
[72] CREGG, JAMES JOSEPH, US
[71] REVOLUTION MEDICINES, INC., US
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[51] **Int.Cl. B01D 15/30 (2006.01) C07K 16/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHARACTERIZING DRUG PRODUCT IMPURITIES**
[54] **SYSTEME ET PROCEDE POUR CARACTERISER DES IMPURETES DE PRODUIT MEDICAMENTEUX**
[72] WANG, SHUNHAI, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-05-29
[86] 2018-12-18 (PCT/US2018/066160)
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[54] **EFFICIENT MANAGEMENT OF CLIENT SYNCHRONIZATION UPDATES**
[54] **GESTION EFFICACE DE MISES A JOUR DE SYNCHRONISATION CLIENT**
[72] LAI, JOHN, US
[72] GOLDBERG, ISAAC, US
[72] JAYAKAR, SUJAY, US
[71] DROPBOX, INC., US
[85] 2020-05-29
[86] 2018-12-18 (PCT/US2018/066193)
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[51] **Int.Cl. A61K 38/45 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **IMPROVED COMPOSITION AND METHODS FOR TREATMENT OF ORNITHINE TRANSCARBAMYLASE DEFICIENCY**
[54] **COMPOSITIONS ET PROCEDES AMELIORES POUR LE TRAITEMENT DU DEFICIT EN ORNITHINE TRANSCARBAMYLASE**
[72] ASKEW, KIM, US
[72] CHUNG, JOU-KU, US
[72] DEROSA, FRANK, US
[72] HEARTLEIN, MICHAEL, US
[72] KARVE, SHRIRANG, US
[72] MCCAULEY, THOMAS, US
[72] SMITH, LIANNE, US
[72] BARBIER, ANN J., US
[71] TRANSLATE BIO, INC., US
[85] 2020-05-29
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[51] **Int.Cl. E02D 29/02 (2006.01) E04B 2/02 (2006.01) E04C 1/39 (2006.01)**
[25] EN
[54] **THIN STABILIZED SEGMENTAL WALL BLOCKS, SOIL REINFORCING SYSTEM, AND METHODS**
[54] **BLOCS POUR MURS SEGMENTAIRES MINCES STABILISES, SYSTEME DE RENFORCEMENT DE SOL, ET PROCEDES**
[72] LIEW, WILLIE, US
[72] PERALTA, ANDRES F., US
[72] WISSMANN, KORD J., US
[72] LUPTAK, STEPHEN A., US
[72] SMITH, AARON D., US
[71] TENSAR INTERNATIONAL CORPORATION, US
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[51] **Int.Cl. G01R 1/07 (2006.01) G01D 5/353 (2006.01)**
[25] EN
[54] **AN ELECTRIC FIELD DETECTION DEVICE AND METHODS OF USE THEREOF**
[54] **DISPOSITIF DE DETECTION DE CHAMP ELECTRIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] KENNEDY, JAMES, US
[72] PRADHAN, ATUL, US
[72] OSHETSKI, MICHAEL, US
[72] LARATTA, WILLIAM, FR
[71] MICATU INC., US
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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **NOVEL BIOMARKERS AND METHODS FOR DIAGNOSING AND EVALUATING TRAUMATIC BRAIN INJURY**
[54] **NOUVEAUX BIOMARQUEURS ET METHODES DE DIAGNOSTIC ET D'EVALUATION D'UNE LESION CEREBRALE D'ORIGINE TRAUMATIQUE**
[72] VAN EYK, JENNIFER, US
[72] MCQUISTON, BETH, US
[72] DATWYLER, SAUL, US
[72] CHANDRAN, RAJ, US
[72] VENKATRAMAN, VIDYA, US
[72] ZHANG, SHENYAN, US
[71] ABBOTT LABORATORIES, US
[71] CEDARS-SINAI MEDICAL CENTER, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING PLANT OR CROP SIZE IN A CONTROLLED ENVIRONMENT**
[54] **COMPOSITIONS ET PROCEDES DE CONTROLE DE TAILLE DE PLANTE OU DE CULTURE DANS UN ENVIRONNEMENT CONTROLE**
[72] SHILLITO, RAYMOND DOUGLAS, US
[72] ZHANG, JIYI, US
[72] DOZIER, ELIZABETH, US
[72] BONEFAS, SARAH, US
[71] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
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[54] **SYSTEM AND METHOD FOR DISPENSING ORDERS**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION D'ORDONNANCES**
[72] HOLMES, WILLIAM K., US
[71] RXSAFE LLC, US
[85] 2020-05-29
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[13] A1
[51] **Int.Cl. A23J 3/00 (2006.01) A23L 13/40 (2016.01)**
[25] EN
[54] **FORMULATIONS AND METHODS OF PREPARING PRODUCTS WITH MEAT-LIKE TEXTURE WITH PLANT-BASED PROTEIN SOURCES**
[54] **FORMULATIONS ET PROCEDES DE PREPARATION DE PRODUITS A TEXTURE DE TYPE VIANDE A L'AIDE DE SOURCES DE PROTEINES A BASE DE PLANTES**
[72] MUDGAL, PRASHANT, US
[72] SIRIS, SUPAPONG, US
[71] THE HERSHEY COMPANY, US
[85] 2020-05-29
[86] 2019-01-17 (PCT/US2019/014079)
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[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **FUND FLOW REPORT GENERATION METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE GENERATION DE COMPTE-RENDU DE MOUVEMENT DE FONDS ET DISPOSITIF ELECTRONIQUE**
[72] HU, DANQING, CN
[72] LIN, SEN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-01-18 (PCT/US2019/014292)
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[30] CN (201810055050.8) 2018-01-19

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[51] **Int.Cl. G01N 33/68 (2006.01) B01D 15/18 (2006.01) C07K 1/16 (2006.01) G01N 30/46 (2006.01)**
[25] EN
[54] **A DUAL-COLUMN LC-MS SYSTEM AND METHODS OF USE THEREOF**
[54] **SYSTEME LC-MS A DOUBLE COLONNE ET SES PROCEDES D'UTILISATION**
[72] WANG, SHUNHAI, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-05-29
[86] 2019-01-29 (PCT/US2019/015542)
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[30] US (62/624,352) 2018-01-31

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[51] **Int.Cl. G06F 16/27 (2019.01)**
[25] EN
[54] **ASSET MANAGEMENT METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **APPAREIL ET PROCEDE DE GESTION D'ACTIF, ET DISPOSITIF ELECTRONIQUE**
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-02-14 (PCT/US2019/017946)
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[30] CN (201810151607.8) 2018-02-14

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[51] **Int.Cl. G06F 21/00 (2013.01)**
[25] EN
[54] **ASSET MANAGEMENT SYSTEM, METHOD, APPARATUS, AND ELECTRONIC DEVICE**
[54] **SYSTEME, PROCEDE, APPAREIL ET DISPOSITIF ELECTRONIQUE DE GESTION D'ACTIFS**
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-02-14 (PCT/US2019/017986)
[87] (WO2019/161040)
[30] CN (201810151589.3) 2018-02-14

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[51] **Int.Cl. A61F 2/86 (2013.01) A61F 2/91 (2013.01)**
[25] EN
[54] **NOVEL ENHANCED ORB-LIKE INTRASACULAR DEVICE**
[54] **NOUVEAU DISPOSITIF INTRA-SACCULAIRE DE TYPE ORB AMELIORE**
[72] BENJAMIN, JOSHUA, US
[71] NEURVANA MEDICAL, LLC, US
[85] 2020-05-29
[86] 2019-02-25 (PCT/US2019/019400)
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[30] US (62/634,712) 2018-02-23

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[25] EN
[54] **SALTS OF 4-AMINO-N-(1-((3-CHLORO-2-FLUOROPHENYL)AMINO)-6-METHYLISOQUINOLIN-5-YL)THIENO[3,2-D]PYRIMIDINE-7-CARBOXAMIDE, AND CRYSTALLINE FORMS THEREOF**
[54] **SELS DE 4-AMINO-N- (1-((3-CHLORO-2-FLUOROPHENYL) AMINO)-6-METHYLISOQUINOLINE-5-YL) THIENO [3,2-D] PYRIMIDINE-7-CARBOXAMIDE ET LEURS FORMES CRISTALLINES**
[72] PARK, CHANG HEE, KR
[72] JUNG, SEUNG HYUN, KR
[72] AHN, YOUNG GIL, KR
[72] SUH, KWEE HYUN, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2020-05-29
[86] 2018-11-29 (PCT/KR2018/014968)
[87] (WO2019/107971)
[30] US (62/592,676) 2017-11-30

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[13] A1
[51] **Int.Cl. C07D 513/04 (2006.01)**
[25] EN
[54] **THIENO[3,2-D]PYRIMIDINE COMPOUND HAVING INHIBITORY ACTIVITY FOR PROTEIN KINASE**
[54] **COMPOSE DE THIENO[3,2-D]PYRIMIDINE AYANT UNE ACTIVITE INHIBITRICE POUR DES PROTEINES KINASES**
[72] BAE, IN HWAN, KR
[72] JUNG, SEUNG HYUN, KR
[72] AHN, YOUNG GIL, KR
[72] SUH, KWEE HYUN, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2020-05-29
[86] 2018-11-29 (PCT/KR2018/014997)
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[30] US (62/592,679) 2017-11-30

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[13] A1
[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **AEROSOL GENERATING DEVICE**
[54] **DISPOSITIF DE GENERATION D'AEROSOL**
[72] AN, HWI KYEONG, KR
[72] JI, KYUNG MOON, KR
[72] CHUN, IN SEOUNG, KR
[72] SHIN, WON HUI, KR
[71] KT&G CORPORATION, KR
[85] 2020-05-29
[86] 2019-01-22 (PCT/KR2019/000874)
[87] (WO2019/235711)
[30] KR (10-2018-0064915) 2018-06-05

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[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **METHOD, APPARATUS, AND ELECTRONIC DEVICE FOR EXECUTING TRANSACTIONS BASED ON BLOCKCHAIN**
[54] **PROCEDE, APPAREIL ET DISPOSITIF ELECTRONIQUE POUR EXECUTER DES TRANSACTIONS SUR LA BASE D'UNE CHAINE DE BLOCS**
[72] QIU, HONGLIN, CN
[72] DU, HUABING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-02-26 (PCT/US2019/019658)
[87] (WO2019/168871)
[30] CN (201810162067.3) 2018-02-27

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[13] A1
[51] **Int.Cl. H01B 7/04 (2006.01) H01B 7/20 (2006.01) H01B 7/28 (2006.01) H01B 7/282 (2006.01)**
[25] EN
[54] **ELECTRICAL CABLE FOR VERTICAL APPLICATIONS**
[54] **CABLE ELECTRIQUE POUR APPLICATIONS VERTICALES**
[72] DE RAI, LUCA MARIA, IT
[72] ORAZI, ROSALBA, IT
[72] TEDESCHI, MARCO, IT
[71] PRYSMIAN S.P.A., IT
[85] 2020-06-01
[86] 2017-12-04 (PCT/EP2017/081337)
[87] (WO2019/110080)

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **CONSENSUS VERIFICATION METHOD, APPARATUS, AND DEVICE**
[54] **PROCEDE, APPAREIL ET DISPOSITIF DE VERIFICATION DE CONSENSUS**
[72] YANG, XINYING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-03-05 (PCT/US2019/020830)
[87] (WO2019/173395)
[30] CN (201810196464.2) 2018-03-09

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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/68 (2006.01) A61K 8/92 (2006.01) A61P 17/10 (2006.01) A61Q 5/00 (2006.01) A61Q 5/02 (2006.01) A61Q 5/12 (2006.01) A61Q 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITION COMPRISING ANTIMICROBIAL LIPID**
[54] **COMPOSITION TOPIQUE COMPRENANT UN LIPIDE ANTIMICROBIEN**
[72] CHU, CHUNG-CHING, CN
[72] PU, MINGMING, CN
[72] XU, YINING, CN
[71] UNILEVER PLC, GB
[85] 2020-06-01
[86] 2018-11-15 (PCT/EP2018/081350)
[87] (WO2019/115136)
[30] CN (PCT/CN2017/116391) 2017-12-15
[30] EP (18153401.7) 2018-01-25

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[13] A1
[51] **Int.Cl. G06F 21/64 (2013.01)**
[25] EN
[54] **CROSS-BLOCKCHAIN INTERACTION METHOD, APPARATUS, SYSTEM, AND ELECTRONIC DEVICE**
[54] **PROCEDE, APPAREIL, SYSTEME ET DISPOSITIF ELECTRONIQUE D'INTERACTION DE CHAINE DE BLOCS CROISES**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, CN
[85] 2020-05-29
[86] 2019-03-28 (PCT/US2019/024520)
[87] (WO2019/195071)
[30] CN (201810290446.0) 2018-04-03

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06Q 20/02 (2012.01) G06Q 20/06 (2012.01) G06Q 20/38 (2012.01) G06Q 40/02 (2012.01) G06F 21/57 (2013.01) G06F 21/64 (2013.01)**
[25] EN
[54] **CROSS-BLOCKCHAIN AUTHENTICATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'AUTHENTIFICATION DE CHAINE DE BLOCS CROISEE**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-03-29 (PCT/US2019/024892)
[87] (WO2019/195108)
[30] CN (201810291256.0) 2018-04-03

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **BLOCKCHAIN-BASED TRANSACTION PROCESSING METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE TRANSACTION SUR LA BASE D'UNE CHAINE DE BLOCS ET DISPOSITIF ELECTRONIQUE**
[72] WANG, JIYUAN, CN
[72] DU, HUABING, CN
[72] YAN, XUEBING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-05-29 (PCT/US2019/034271)
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[30] CN (201810532710.7) 2018-05-29

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[13] A1
[51] **Int.Cl. A61F 2/50 (2006.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR PRODUCING AN ORTHOPEDIC DEVICE**
[54] **PROCEDE ET SYSTEME INFORMATISES POUR LA PRODUCTION D'UNE PRISE EN CHARGE ORTHOPEDIQUE**
[72] OPITZ, MANUEL, DE
[72] GUNDLACK, FELIX, DE
[72] SCHNAUBELT, MAX, DE
[72] RIETH, CLEMENS, DE
[71] MECURIS GMBH, DE
[85] 2020-06-01
[86] 2018-11-16 (PCT/EP2018/081579)
[87] (WO2019/129419)
[30] DE (10 2017 131 323.0) 2017-12-27

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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **BLOCKCHAIN-BASED SMART CONTRACT INVOCATION METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **PROCEDE ET APPAREIL D'INVOCATION DE CONTRAT INTELLIGENT FONDE SUR UNE CHAINE DE BLOCS ET DISPOSITIF ELECTRONIQUE**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-06-27 (PCT/US2019/039386)
[87] (WO2020/006164)
[30] CN (201810681249.1) 2018-06-27

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[13] A1
[51] **Int.Cl. A61B 7/02 (2006.01)**
[25] EN
[54] **STETHOSCOPE**
[54] **STETHOSCOPE**
[72] FALKNER, CARLA W., US
[72] PLESSALA, DENEEN T., US
[72] HENRICKSEN, CLIFFORD A., US
[71] CUNNINGHAM BOUNDS, LLC, US
[71] ERDMAN, FRANKIE WENDELL, US
[85] 2020-04-14
[86] 2018-05-03 (PCT/US2018/030807)
[87] (WO2019/074543)
[30] US (62/570,302) 2017-10-10
[30] US (62/645,553) 2018-03-20

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **COATING COMPOSITION AND METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **PROCEDE ET APPAREIL D'APPEL DE CONTRAT INTELLIGENT SUR LA BASE D'UNE CHAINE DE BLOCS, ET DISPOSITIF ELECTRONIQUE**
[72] QIU, HONGLIN, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2020-05-29
[86] 2019-06-27 (PCT/US2019/039405)
[87] (WO2020/006172)
[30] CN (201810681250.4) 2018-06-27

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[13] A1
[51] **Int.Cl. G01N 24/10 (2006.01)**
[25] EN
[54] **MASKING AND SUBSEQUENTLY VISUALISING ESR SIGNALS USING THE COMBINATION OF TWO MATERIALS**
[54] **MASQUAGE ET VISUALISATION CONSECUTIVE DE SIGNAUX ESR GRACE A LA COMBINAISON DE DEUX MATERIAUX**
[72] WINDHAB, NORBERT, DE
[72] KARAU, ANDREAS, DE
[72] HOLIG, PETER, DE
[72] HARTWIG, BENEDIKT, DE
[72] LYUBINA, JULIA, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2020-06-01
[86] 2018-11-23 (PCT/EP2018/082302)
[87] (WO2019/110321)
[30] EP (17205099.9) 2017-12-04

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[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **PHOTOBIOMODULATION DEVICE FOR TREATING RETINAL DISEASE**
[54] **DISPOSITIF DE PHOTOBIOMODULATION DESTINE AU TRAITEMENT D'UNE MALADIE RETINIENNE**
[72] XIA, WEI, AU
[72] PREVIN, VICTOR, AU
[72] CASSON, ROBERT, AU
[71] ELLEX MEDICAL PTY LTD, AU
[85] 2020-06-01
[86] 2018-12-04 (PCT/AU2018/000246)
[87] (WO2019/109125)
[30] AU (2017904873) 2017-12-04

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[51] **Int.Cl. G06F 21/10 (2013.01) G06Q 90/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR IMPLEMENTING A COMPUTER NETWORK**
[54] **SYSTEME ET PROCEDE DE MISE EN □UVRE D'UN RESEAU D'ORDINATEURS**
[72] ROBISON, ZACKERY, AU
[71] BLOCKCHAIN IT SOLUTIONS PTY LTD, AU
[85] 2020-06-01
[86] 2018-12-19 (PCT/AU2018/051355)
[87] (WO2019/119034)
[30] AU (2017905067) 2017-12-19

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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/437 (2006.01) A61P 9/00 (2006.01) A61P 37/00 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF DISEASES**
[54] **NOUVEAUX COMPOSES ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES POUR LE TRAITEMENT DE MALADIES**
[72] ALVEY, LUKE JONATHAN, FR
[72] ANNOOT, DENIS, MAURICE, FR
[72] BONNATERRE, FLORENCE MARIE-EMILIE, FR
[72] BUCHER, DENIS, CH
[72] DUTHION, BERANGER, FR
[72] JARY, HELENE MARIE, FR
[72] PEIXOTO, CHRISTOPHE, FR
[72] TEMAL-LAIB, TAOUES, FR
[72] TIRERA, AMYNATA, FR
[72] DESROY, NICOLAS, FR
[71] GALAPAGOS NV, BE
[85] 2020-06-01
[86] 2018-11-26 (PCT/EP2018/082537)
[87] (WO2019/105886)
[30] GB (1720101.3) 2017-12-02
[30] GB (1817343.5) 2018-10-25

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[13] A1
[51] **Int.Cl. C08G 63/87 (2006.01) C08K 9/02 (2006.01) C08L 67/00 (2006.01)**
[25] EN
[54] **POLYCONDENSATION CATALYST FOR PRODUCING POLYESTER AND PRODUCTION OF POLYESTER USING THE SAME**
[54] **CATALYSEUR DE POLYCONDENSATION POUR LA PRODUCTION DE POLYESTERS ET PRODUCTION DE POLYESTERS L'UTILISANT**
[72] SOGA, YUHEI, JP
[72] KAMON, AKIHIRO, JP
[71] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2020-05-29
[86] 2018-12-11 (PCT/JP2018/045525)
[87] (WO2019/124166)
[30] JP (2017-246688) 2017-12-22

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[51] **Int.Cl. C07D 207/46 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07C 323/52 (2006.01) C07D 498/18 (2006.01) C07K 5/062 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ACYL HYDRAZONE LINKERS, METHODS AND USES THEREOF**
[54] **LIEURS D'ACYLHYDRAZONE, PROCEDES ET UTILISATIONS**
[72] AL-AWAR, RIMA, CA
[72] MAMAI, AHMED, CA
[72] ZHANG, ANDREW, US
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA
[85] 2020-06-01
[86] 2018-12-06 (PCT/CA2018/051561)
[87] (WO2019/109188)
[30] US (62/595,342) 2017-12-06

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[13] A1
[51] **Int.Cl. H04M 3/22 (2006.01) H04L 12/713 (2013.01) H04M 3/00 (2006.01)**
[25] EN
[54] **EXCHANGE, COMMUNICATION SYSTEM, REGISTRATION METHOD, AND PROGRAM**
[54] **CENTRAL, SYSTEME DE COMMUNICATION, PROCEDE D'ENREGISTREMENT ET PROGRAMME**
[72] YAMAMOTO, HIROYO, JP
[71] NEC PLATFORMS, LTD., JP
[85] 2020-05-29
[86] 2019-10-07 (PCT/JP2019/039526)
[87] (WO2020/090364)
[30] JP (2018-202666) 2018-10-29

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[13] A1
[51] **Int.Cl. F21K 99/00 (2016.01) F21S 2/00 (2016.01) F21S 4/00 (2016.01)**
[25] EN
[54] **COUPLER FOR LIGHT FIXTURE**
[54] **COUPLEUR POUR LUMINAIRE**
[72] GUERRA, GEORGE, US
[72] LU, KEVIN, US
[72] RAZA, SYED, US
[72] DAL PONTE, DEAN, US
[71] HUBBELL INCORPORATED, US
[85] 2020-05-30
[86] 2018-11-29 (PCT/US2018/063076)
[87] (WO2019/108802)
[30] US (62/592,898) 2017-11-30

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[13] A1
[51] **Int.Cl. E21C 45/04 (2006.01)**
[25] EN
[54] **FRACTURING RELIEF METHOD FOR STRESS CONCENTRATION OF REMAINING ORE PILLARS IN OVERLYING GOAF**
[54] **PROCEDE DE SOULAGEMENT DE FRACTURE POUR UNE CONCENTRATION DE CONTRAINTE D'UN PILIER LAISSE DANS UN REMBLAI SUS-JACENT**
[72] HUANG, BINGXIANG, CN
[72] SHAO, LUYING, CN
[72] ZHAO, XINGLONG, CN
[72] CHEN, SHULIANG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[71] XUZHOU USURE MINING TECHNOLOGY CO., LTD, CN
[85] 2020-06-01
[86] 2018-11-02 (PCT/CN2018/113595)
[87] (WO2019/227852)
[30] CN (201810549872.1) 2018-05-31

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01)**
[25] EN
[54] **THREE-DIMENSIONAL MEDICAL IMAGE ANALYSIS METHOD AND SYSTEM FOR IDENTIFICATION OF VERTEBRAL FRACTURES**
[54] **PROCEDE ET SYSTEME D'ANALYSE D'IMAGE MEDICALE TRIDIMENSIONNELLE POUR L'IDENTIFICATION DE FRACTURES VERTEBRALES**
[72] NICOLAES, JOERI, BE
[71] UCB BIOPHARMA SRL, BE
[85] 2020-06-01
[86] 2018-11-29 (PCT/EP2018/082925)
[87] (WO2019/106061)
[30] GB (1720059.3) 2017-12-01

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **BINDING MOLECULES THAT SPECIFICALLY BIND TO TAU**
[54] **MOLECULES DE LIAISON SE LIANT SPECIFIQUEMENT A TAU**
[72] APETRI, CONSTANTIN ADRIAN, NL
[72] JURASZEK, JAROSLAW, NL
[72] VERVEEN, HARMKE CORNELIA, NL
[72] JANSON, ROOSMARIJN, NL
[72] SIREGAR, BERDIEN BUNGA, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2020-06-01
[86] 2018-12-04 (PCT/EP2018/083451)
[87] (WO2019/110571)
[30] EP (17205124.5) 2017-12-04

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[13] A1
[51] **Int.Cl. C07D 471/08 (2006.01) A61K 31/439 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **CRYSTAL FORM OF S-LACTAMASE INHIBITOR AND PREPARATION METHOD THEREFOR**
[54] **FORME CRISTALLINE D'UN INHIBITEUR DE S-LACTAMASE ET SON PROCEDE DE PREPARATION**
[72] LI, CHENG, CN
[72] HUANG, ZHIGANG, CN
[72] DING, CHARLES Z., CN
[72] LI, WEIDONG, CN
[71] QILU PHARMACEUTICAL CO., LTD., CN
[85] 2020-06-01
[86] 2018-12-03 (PCT/CN2018/118864)
[87] (WO2019/105479)
[30] CN (201711251386.3) 2017-12-01

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[13] A1
[51] **Int.Cl. A61K 31/28 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **BIS-CHOLINE TETRATHIOMOLYBDATE FOR TREATING WILSON DISEASE**
[54] **BIS-CHOLINE TETRATHIOMOLYBDATE POUR LE TRAITEMENT DE LA MALADIE DE WILSON**
[72] ALA, AFTAB, SE
[72] BJARTMAR, CARL, SE
[72] WEISS, KARL-HEINZ, SE
[72] SCHILSKY, MICHAEL, SE
[72] ASKARI, FREDERICK, SE
[72] CZLONKOWSKA, ANNA, SE
[72] FERENCI, PETER, SE
[72] HEDERA, PETER, SE
[71] ALEXION PHARMA INTERNATIONAL OPERATIONS UNLIMITED COMPANY, IE
[85] 2020-06-01
[86] 2018-12-04 (PCT/EP2018/083551)
[87] (WO2019/110619)
[30] US (62/594,184) 2017-12-04
[30] US (62/646,553) 2018-03-22
[30] US (62/655,568) 2018-04-10
[30] US (62/669,095) 2018-05-09
[30] US (62/741,313) 2018-10-04
[30] US (62/750,595) 2018-10-25

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[13] A1
[51] **Int.Cl. C09D 1/02 (2006.01) C09D 7/61 (2018.01) C09D 5/08 (2006.01) H01F 1/18 (2006.01)**
[25] EN
[54] **CHROMIUM- AND PHOSPHATE-FREE COATING FOR ELECTRICALLY INSULATING AN ELECTRIC STRIP**
[54] **REVETEMENT EXEMPT DE CHROME ET DE PHOSPHATE POUR L'ISOLATION ELECTRIQUE D'UNE BANDE ELECTRIQUE**
[72] DE ZEEUW, ARD, DE
[72] BRYDEN, TODD, DE
[72] ARNOLD, ANDREAS, DE
[72] HOCHSTRATE, RAMONA, DE
[72] GEICK, VOLKER, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-06-01
[86] 2018-12-07 (PCT/EP2018/083908)
[87] (WO2019/110777)
[30] EP (17205916.4) 2017-12-07

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[13] A1
[51] **Int.Cl. A01N 37/44 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING SEED GERMINATION AND/OR PLANT TOLERANCE TO ENVIRONMENTAL STRESS**
[54] **PROCEDE D'AMELIORATION DE LA GERMINATION DE GRAINE ET/OU DE LA TOLERANCE D'UNE PLANTE AU STRESS ENVIRONNEMENTAL**
[72] COR, OLIVIER, FR
[71] DANSTAR FERMENT AG, CH
[85] 2020-06-01
[86] 2018-12-07 (PCT/EP2018/084045)
[87] (WO2019/110828)
[30] EP (17290158.9) 2017-12-07

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[13] A1
[51] **Int.Cl. B23K 35/28 (2006.01) B23K 35/02 (2006.01) B23K 35/22 (2006.01) B32B 15/01 (2006.01) C22C 21/00 (2006.01) C22C 21/02 (2006.01) C22F 1/043 (2006.01)**
[25] EN
[54] **ALUMINIUM MULTILAYER BRAZING SHEET FOR FLUXFREE BRAZING**
[54] **FEUILLE DE BRASAGE MULTICOUCHE D'ALUMINIUM POUR BRASAGE SANS FLUX**
[72] CHEHAB, BECHIR, FR
[72] LOABLE, CAROLE, FR
[71] CONSTELLIUM NEUF-BRISACH, FR
[85] 2020-06-01
[86] 2018-12-10 (PCT/EP2018/084091)
[87] (WO2019/115422)
[30] FR (1762018) 2017-12-12

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[13] A1
[51] **Int.Cl. B26F 1/44 (2006.01) B26D 3/08 (2006.01) B26D 5/08 (2006.01) B26D 5/12 (2006.01) B26D 7/26 (2006.01) B26F 1/38 (2006.01)**
[25] EN
[54] **SEPARATING APPARATUS AND SEPARATING METHOD FOR ADHESIVE-CONTAINING COMPOSITE MATERIAL**
[54] **DISPOSITIF DE SEPARATION ET PROCEDE DE SEPARATION POUR MATERIAU D'ASSEMBLAGE CONTENANT UN ADHESIF**
[72] GRUNES, BERND, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2020-06-01
[86] 2018-12-11 (PCT/EP2018/084281)
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[54] **ANTIBODIES BINDING TO HLA-A2/WT1**
[54] **ANTICORPS SE LIANT A HLA-A2/WT1**
[72] BENZ, JOERG, CH
[72] KLEIN, CHRISTIAN, CH
[72] KLOSTERMANN, STEFAN, DE
[72] MOESSNER, EKKEHARD, CH
[72] SAM, JOHANNES, CH
[72] UMANA, PABLO, CH
[72] HANISCH, LYDIA JASMIN, CH
[72] BUJOTZEK, ALEXANDER, DE
[72] XU, WEI, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **ANTI-ALPHA SYNUCLEIN ANTIBODIES**
[54] **ANTICORPS ANTI-ALPHA-SYNUCLEINE**
[72] DOWNEY, PATRICK, BE
[72] TYSON, KERRY LOUISE, GB
[72] KRIEK, MARCO, GB
[72] DE LICHTERVELDE, LORENZO, BE
[72] LIGHTWOOD, DANIEL JOHN, GB
[72] MCMILLAN, DAVID JAMES, GB
[72] ELLIOTT, PETER CHARLES, GB
[72] BAKER, TERENCE SEWARD, GB
[71] UCB BIOPHARMA SRL, BE
[85] 2020-06-01
[86] 2018-12-13 (PCT/EP2018/084689)
[87] (WO2019/115671)
[30] GB (1720970.1) 2017-12-15

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[51] **Int.Cl. C12N 9/16 (2006.01) C12N 9/18 (2006.01)**
[25] EN
[54] **NOVEL PROTEASES AND USES THEREOF**
[54] **NOUVELLES PROTEASES ET LEURS UTILISATIONS**
[72] MARTY, ALAIN, FR
[72] DUQUESNE, SOPHIE, FR
[72] GUICHERD, MARIE, FR
[72] GUEROULT, MARC, FR
[72] ANDRE, ISABELLE, FR
[71] CARBIOS, FR
[85] 2020-06-01
[86] 2018-12-21 (PCT/EP2018/086526)
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[30] EP (17306878.4) 2017-12-21

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[51] **Int.Cl. A61D 19/02 (2006.01) A61B 1/307 (2006.01) A61D 17/00 (2006.01) G09B 23/36 (2006.01)**
[25] EN
[54] **DEVICE FOR ARTIFICIAL INSEMINATION, GYNAECOLOGICAL EXAMINATION OF THE VAGINA AND THE CERVIX AND TO ASSIST WITH UTERINE TREATMENTS AND SAMPLE COLLECTION IN LIVESTOCK**
[54] **DISPOSITIF POUR L'INSEMINATION ARTIFICIELLE, L'EXAMEN GYNECOLOGIQUE DU VAGIN ET DU COL DE L'UTERUS ET D'AIDE AUX TRAITEMENTS ET AUX PRELEVEMENTS UTERINS DES ANIMAUX D'ELEVAGE**
[72] POIRIER, ANTOINE, FR
[71] INOVET TECHNOLOGY, FR
[85] 2020-06-01
[86] 2018-12-13 (PCT/EP2018/084831)
[87] (WO2019/115726)
[30] FR (1762044) 2017-12-13

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[51] **Int.Cl. G02B 27/00 (2006.01)**
[25] EN
[54] **OPTICAL DESIGN METHODS FOR IMAGING SYSTEMS AND OPTICAL SYSTEMS DESIGNED THEREWITH**
[54] **PROCEDES DE CONCEPTION OPTIQUE POUR DES SYSTEMES D'IMAGERIE, ET SYSTEMES OPTIQUES CONCUS A L'AIDE DE CES PROCEDES**
[72] DURR, FABIAN, DE
[72] THIENPONT, HUGO, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2020-06-01
[86] 2018-12-28 (PCT/EP2018/097117)
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[25] EN
[54] **WELDING-TYPE POWER SUPPLIES FOR AND METHOD OF PREVENTING HIGH VOLTAGE ON A LOW VOLTAGE OUTPUT OF THE WELDING-TYPE SYSTEMS**
[54] **ALIMENTATIONS ELECTRIQUES DE TYPE POUR SOUDAGE ET PROCEDE DE PREVENTION D'UNE HAUTE TENSION SUR UNE SORTIE A BASSE TENSION DES SYSTEMES DE TYPE POUR SOUDAGE**
[72] RENNER, ROSS, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2020-05-29
[86] 2018-12-05 (PCT/US2018/063979)
[87] (WO2019/113154)
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **IMPROVED COMPOUND FOR TREATMENT OF HEART FAILURE**
[54] **COMPOSE AMELIORE POUR LE TRAITEMENT D'UNE INSUFFISANCE CARDIAQUE**
[72] THUM, THOMAS, DE
[72] BATKAI, SANDOR, DE
[72] FOINQUINOS, ARIANA, NL
[71] MEDIZINISCHE HOCHSCHULE HANNOVER, DE
[85] 2020-06-01
[86] 2018-12-14 (PCT/EP2018/085008)
[87] (WO2019/115788)
[30] US (62/599 050) 2017-12-15
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[51] **Int.Cl. A61K 36/537 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **USE OF A VEGETAL EXTRACT AS AN ACTIVE AGENT IN THE TREATMENT OF DERMATOLOGICAL DISEASES**
[54] **UTILISATION D'UN EXTRAIT VEGETAL EN TANT QU'AGENT ACTIF DANS LE TRAITEMENT DE MALADIES DERMATOLOGIQUES**
[72] ALIMONTI, ANDREA, CH
[72] GIORI, ANDREA MARIA, CH
[72] MONTOPOLI, MONICA, CH
[72] CADAU, JESSICA, CH
[71] ALTERGON SA, CH
[85] 2020-06-01
[86] 2018-12-14 (PCT/EP2018/085073)
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[30] IT (102017000146677) 2017-12-19

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[51] **Int.Cl. C07D 237/32 (2006.01) A61K 31/502 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **METHOD FOR SOLUBILIZING 5-AMINO-2,3-DIHYDRO-1,4-PHTHALAZINEDIONE**
[54] **PROCEDE DE SOLUBILISATION DE 5-AMINO-2,3-DIHYDRO-1,4-PHTALAZINEDIONE**
[72] SAAR, INGO, DE
[72] BRYSCH, WOLFGANG, DE
[71] METRIOPHARM AG, CH
[85] 2020-06-01
[86] 2019-01-10 (PCT/EP2019/000012)
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[51] **Int.Cl. C07K 16/30 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY OF TUMOR TARGETED ICOS AGONISTS WITH T-CELL BISPECIFIC MOLECULES**
[54] **POLYTHERAPIE D'AGONISTES ICOS CIBLANT DES TUMEURS AVEC DES MOLECULES BISPECIFIQUES DE LYMPHOCYTES T**
[72] BACAC, MARINA, CH
[72] FAUTI, TANJA, CH
[72] KLEIN, CHRISTIAN, CH
[72] SAM, JOHANNES, CH
[72] UMANA, PABLO, CH
[72] MURR, RAMONA, CH
[72] ZIELONKA, JOERG, CH
[72] HABEGGER, LUCAS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-06-01
[86] 2018-12-20 (PCT/EP2018/086046)
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[51] **Int.Cl. B24B 1/00 (2006.01) B24B 19/26 (2006.01) B24B 27/00 (2006.01)**
[25] EN
[54] **METHOD FOR GRINDING AND/OR POLISHING A DEFECT AND DEVICE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE DE RECTIFICATION ET/OU DE POLISSAGE D'UN POINT DE DEFAUT AINSI QUE DISPOSITIF POUR METTRE EN □UVRE LE PROCEDE**
[72] UNNERSTALL, WERNER, DE
[72] WALL, CHRISTIAN, DE
[72] BURSTEIN, CHRISTIAN, DE
[72] KAMPMEYER, STEPHAN, DE
[71] RUD. STARCKE GMBH & CO. KG, DE
[85] 2020-06-01
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[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/08 (2006.01) A61B 5/087 (2006.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR RESPIRATORY MONITORING OF A SUBJECT**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE RESPIRATOIRE D'UN SUJET**
[72] GROENENDAAL, WILLEMIJN, BE
[72] DE FRANCISCO MARTIN, RUBEN, BE
[71] STICHTING IMEC NEDERLAND, NL
[71] ONERA TECHNOLOGIES B.V., NL
[85] 2020-06-01
[86] 2019-02-07 (PCT/EP2019/053031)
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[51] **Int.Cl. B28B 17/00 (2006.01) B29C 64/209 (2017.01) B29C 48/30 (2019.01) B29C 35/16 (2006.01) B29C 41/08 (2006.01) B29C 70/64 (2006.01)**
[25] EN
[54] **SYSTEM FOR FEEDING FILAMENT TO A NOZZLE IN AN ADDITIVE MANUFACTURING MACHINE BACKGROUND**
[54] **SYSTEME D'ALIMENTATION EN FILAMENT D'UNE BUSE DANS UN ARRIERE-PLAN DE MACHINE DE FABRICATION ADDITIVE**
[72] BESIM, BULENT, AU
[72] WEATHERLY, STEPHEN, US
[71] BESIM, BULENT, AU
[85] 2020-06-01
[86] 2018-11-30 (PCT/IB2018/059487)
[87] (WO2019/106612)
[30] US (15/828,439) 2017-12-01

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[13] A1
[51] **Int.Cl. A61K 9/50 (2006.01) A61K 31/19 (2006.01)**
[25] EN
[54] **PACKAGED MODIFIED RELEASE GAMMA-HYDROXYBUTYRATE FORMULATIONS HAVING IMPROVED STABILITY**
[54] **FORMULATIONS CONDITIONNEES A LIBERATION MODIFIEE DE GAMMA-HYDROXYBUTYRATE AYANT UNE STABILITE AMELIOREE**
[72] GUILLARD, HERVE, FR
[71] FLAMEL IRELAND LIMITED, IE
[85] 2020-06-01
[86] 2018-12-18 (PCT/IB2018/060278)
[87] (WO2019/123269)
[30] US (62/607,937) 2017-12-20
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[51] **Int.Cl. A23L 29/30 (2016.01) C08B 30/18 (2006.01) C12P 19/00 (2006.01) C12P 19/14 (2006.01) C12P 19/22 (2006.01)**
[25] EN
[54] **PROCESS FOR SUGAR MODULATION**
[54] **PROCEDE DE MODULATION DE LA QUANTITE DE SUCRE**
[72] CHANVRIER, HELENE MICHELE JEANNE, CH
[72] DO, TRAM ANH LINE, FR
[72] FROST, JOVYN KYE TYNG, CH
[72] SIEVERT, DIETMAR AUGUST GUSTAV, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-01
[86] 2018-12-07 (PCT/IB2018/059749)
[87] (WO2019/116182)
[30] EP (17207572.3) 2017-12-15

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[13] A1
[51] **Int.Cl. A42B 3/20 (2006.01)**
[25] EN
[54] **SPORTS FACE GUARD**
[54] **MASQUE FACIAL DE SPORT**
[72] SUMELIUS, JAN, FI
[71] JAMIDON LTD., FI
[85] 2020-06-01
[86] 2018-12-20 (PCT/IB2018/060455)
[87] (WO2019/123386)
[30] US (62/608,158) 2017-12-20

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[13] A1
[51] **Int.Cl. B21D 7/04 (2006.01) B21D 7/024 (2006.01)**
[25] EN
[54] **HYDRAULICALLY OPERATED ROTARY PIPE BENDING MACHINE**
[54] **MACHINE DE PLIAGE DE TUYAU ROTATIF A COMMANDE HYDRAULIQUE**
[72] CAPORUSSO, ALESSANDRO, IT
[71] CML INTERNATIONAL S.P.A., IT
[85] 2020-06-01
[86] 2018-12-10 (PCT/IB2018/059812)
[87] (WO2019/116191)
[30] IT (102017000142179) 2017-12-11

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[51] **Int.Cl. E05C 19/14 (2006.01) B64D 29/06 (2006.01) E05B 1/00 (2006.01) E05B 17/10 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR FLAPS ON AIRCRAFT**
[54] **DISPOSITIF DE VERROUILLAGE DESTINE A DES TRAPPES SUR DES AVIONS**
[72] SUTTER, WOLFGANG, DE
[72] OLESCH, MARTIN, DE
[71] LUFTHANSA TECHNIK AG, DE
[85] 2020-06-01
[86] 2018-12-19 (PCT/EP2018/085757)
[87] (WO2019/121863)
[30] DE (10 2017 223 684.1) 2017-12-22

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 48/12 (2009.01)**
[25] EN
[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **EQUIPEMENT D'UTILISATEUR ET PROCEDE DE COMMUNICATION RADIO**
[72] HARADA, HIROKI, JP
[71] NTT DOCOMO, INC., JP
[85] 2020-06-01
[86] 2017-12-04 (PCT/JP2017/043530)
[87] (WO2019/111301)

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[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01) C08K 3/36 (2006.01)**
[25] FR
[54] **DIACID-CROSSLINKED RUBBER COMPOSITION COMPRISING A PHENOLIC COMPOUND**
[54] **COMPOSITION DE CAOUTCHOUC RETICULEE PAR UN DIACIDE ET COMPRENANT UN COMPOSE PHENOLIQUE**
[72] THUILLIEZ, ANNE-LISE, FR
[72] GAVARD-LONCHAY, ODILE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2020-06-01
[86] 2018-12-11 (PCT/FR2018/053175)
[87] (WO2019/122585)
[30] FR (1762731) 2017-12-21

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[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPES**
[54] **RACCORD FILETE POUR TUYAUX EN ACIER**
[72] ANDO, YOSHINORI, JP
[72] UGAI, SHIN, JP
[72] OKU, YOUSUKE, JP
[71] NIPPON STEEL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2020-06-01
[86] 2018-11-29 (PCT/JP2018/044038)
[87] (WO2019/111803)
[30] JP (2017-233106) 2017-12-05

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[25] EN
[54] **WATER BASED COATING**
[54] **REVETEMENT A BASE D'EAU**
[72] SWANSON, JOHN W., US
[72] KRYTENBERG, TIMOTHY, US
[71] INDUSTRIAL CONTROL DEVELOPMENT, INC., US
[85] 2020-06-01
[86] 2018-12-12 (PCT/US2018/065258)
[87] (WO2019/118629)
[30] US (62/599,561) 2017-12-15
[30] US (62/702,199) 2018-07-23

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[13] A1
[51] **Int.Cl. C08B 37/08 (2006.01) C08B 37/00 (2006.01) C08L 5/08 (2006.01)**
[25] FR
[54] **CHITIN AND METHOD FOR CHEMICALLY OBTAINING CHITIN AND/OR CHITOSAN**
[54] **CHITINE ET PROCEDE D'OBTENTION DE CHITINE ET/OU CHITOSAN PAR VOIE CHIMIQUE**
[72] SOCOLSKY, CECILIA, FR
[72] LAURENT, SOPHIE, FR
[72] LORETTE, BENEDICTE, FR
[72] ALEZRA, VALERIE, FR
[72] LE BERRE, CORENTIN, FR
[72] BEREZINA, NATHALIE, FR
[71] YNSECT, FR
[85] 2020-06-01
[86] 2018-12-13 (PCT/FR2018/053284)
[87] (WO2019/115969)
[30] FR (1762303) 2017-12-15

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[13] A1
[51] **Int.Cl. B29C 64/20 (2017.01) B29C 64/209 (2017.01) B29C 64/364 (2017.01)**
[25] EN
[54] **INTEGRATED COOLING SYSTEM FOR COOLING FILAMENT OF AN ADDITIVE MANUFACTURING MACHINE**
[54] **SYSTEME DE REFROIDISSEMENT INTEGRE POUR LE REFROIDISSEMENT D'UN FILAMENT D'UNE MACHINE DE FABRICATION ADDITIVE**
[72] BESIM, BULENT, AU
[72] WEATHERLY, STEPHEN, US
[71] BESIM, BULENT, AU
[85] 2020-06-01
[86] 2018-11-30 (PCT/IB2018/059484)
[87] (WO2019/106610)
[30] US (15/828,426) 2017-11-30

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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 9/10 (2006.01) C12N 9/18 (2006.01)**
[25] EN
[54] **RNAI CONSTRUCTS FOR INHIBITING PNPLA3 EXPRESSION AND METHODS OF USE THEREOF**
[54] **CONSTRUCTIONS D'ARNI PERMETTANT D'INHIBER L'EXPRESSION DE PNPLA3 ET LEURS METHODES D'UTILISATION**
[72] RULIFSON, INGRID, US
[72] MURRAY, JUSTIN K., US
[72] OLLMANN, MICHAEL, US
[72] HOMANN, OLIVER, US
[71] AMGEN INC., US
[85] 2020-06-01
[86] 2018-12-12 (PCT/US2018/065275)
[87] (WO2019/118638)
[30] US (62/597,841) 2017-12-12

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[13] A1
[51] **Int.Cl. F16D 13/60 (2006.01) B22D 17/00 (2006.01) B23B 1/00 (2006.01) B23B 5/00 (2006.01)**
[25] EN
[54] **ALUMINUM COMPONENT AND MANUFACTURING METHOD FOR SAME**
[54] **COMPOSANT D'ALUMINIUM ET SON PROCEDE DE FABRICATION**
[72] NAKAMURA, YOSHIHARU, JP
[72] KONDO, HIROYUKI, JP
[71] KABUSHIKI KAISHA F.C.C., JP
[85] 2020-06-01
[86] 2018-12-12 (PCT/JP2018/045612)
[87] (WO2019/117181)
[30] JP (2017-237787) 2017-12-12

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[51] **Int.Cl. A61K 48/00 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CANCER VACCINES TARGETING MUC16 AND USES THEREOF**
[54] **VACCINS ANTICANCER CIBLANT MUC16 ET LEURS UTILISATIONS**
[72] YAN, JIAN, US
[72] SLAGER, ANNA, US
[72] GARMAN, BRADLEY, US
[72] COOCH, NEIL, US
[71] INOVIO PHARMACEUTICALS, INC., US
[85] 2020-06-01
[86] 2018-12-13 (PCT/US2018/065524)
[87] (WO2019/118764)
[30] US (62/598,314) 2017-12-13
[30] US (62/599,513) 2017-12-15

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[13] A1
[51] **Int.Cl. B29C 64/227 (2017.01)**
[25] EN
[54] **MOVEMENT SYSTEM FOR ACHIEVING MOVEMENT OF AT LEAST A NOZZLE ASSEMBLY IN AN ADDITIVE MANUFACTURING MACHINE**
[54] **SYSTEME DE MOUVEMENT PERMETTANT D'OBTENIR UN MOUVEMENT D'AU MOINS UN ENSEMBLE BUSE DANS UNE MACHINE DE FABRICATION ADDITIVE**
[72] BESIM, BULENT, AU
[72] WEATHERLY, STEPHEN, US
[71] BESIM, BULENT, AU
[85] 2020-06-01
[86] 2018-11-30 (PCT/IB2018/059486)
[87] (WO2019/106611)
[30] US (15/828,434) 2017-12-01

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[51] **Int.Cl. C07K 14/47 (2006.01) C12N 15/113 (2010.01) C12Q 1/6886 (2018.01) A61K 38/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CANCER VACCINES TARGETING LEMD1 AND USES THEREOF**
[54] **VACCINS ANTICANCER CIBLANT LEMD1 ET LEURS UTILISATIONS**
[72] YAN, JIAN, US
[72] SLAGER, ANNA, US
[72] GARMAN, BRADLEY, US
[72] COOCH, NEIL, US
[71] INOVIO PHARMACEUTICALS, INC., US
[85] 2020-06-01
[86] 2018-12-13 (PCT/US2018/065534)
[87] (WO2019/118771)
[30] US (62/598,329) 2017-12-13
[30] US (62/598,612) 2017-12-14

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[51] **Int.Cl. A21C 9/06 (2006.01) A21C 9/08 (2006.01) A21C 11/00 (2006.01)**
[25] EN
[54] **DEVICE TO PREPARE TURNOVERS**
[54] **DISPOSITIF DE PREPARATION DE CHAUSSONS**
[72] SALDANA GARZA, ALEJANDRA I., US
[71] SALDANA GARZA, ALEJANDRA I., US
[85] 2020-06-01
[86] 2018-07-27 (PCT/US2018/044181)
[87] (WO2019/112651)
[30] US (15/835,578) 2017-12-08

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[51] **Int.Cl. A61K 31/357 (2006.01) A23L 33/10 (2016.01) A61K 31/215 (2006.01) A61K 31/216 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PREVENTING OR TREATING NEURODEGENERATIVE DISEASES, CONTAINING DITERPENE-BASED COMPOUND**
[54] **COMPOSITION DESTINEE A PREVENIR OU A TRAITER DES MALADIES NEURODEGENERATIVES, CONTENANT UN COMPOSE A BASE DE DITERPENE**
[72] KIM, WON GON, KR
[72] HAN, BAEK SOO, KR
[72] BYUN, JEONG SU, KR
[72] NGUYEN, VAN MINH, KR
[72] CHOI, HA YOUNG, KR
[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[85] 2020-06-01
[86] 2018-11-15 (PCT/KR2018/013990)
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[51] **Int.Cl. A61B 1/005 (2006.01) A61B 1/015 (2006.01) A61B 17/221 (2006.01) A61B 18/24 (2006.01)**
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[54] **INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL WITH RETRACTABLE TOOL AT CUTTING TIP**
[54] **INSTRUMENT ENDOSCOPIQUE INSERABLE POUR ABLATION DE TISSU AVEC OUTIL RETRACTABLE AU NIVEAU DE LA POINTE DE COUPE**
[72] RYAN, JR., JEFFERY B., US
[71] INTERSCOPE, INC., US
[85] 2020-06-01
[86] 2018-10-03 (PCT/US2018/054196)
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[30] US (62/567,664) 2017-10-03

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[51] **Int.Cl. A61K 35/741 (2015.01) A23K 10/18 (2016.01) A23K 50/60 (2016.01) A61P 1/00 (2006.01)**
[25] EN
[54] **USE OF CORIOBACTERIIA TO PROMOTE GUT HEALTH**
[54] **UTILISATION DE CORIOBACTERIA POUR FAVORISER LA SANTE INTESTINALE**
[72] SCHATZMAYR, DIAN, AT
[72] BINDER, EVA MARIA, AT
[72] NAGL, VERONIKA, AT
[72] SCHATZMAYR, GERD, AT
[71] ERBER AKTIENGESELLSCHAFT, AT
[85] 2020-06-01
[86] 2018-12-19 (PCT/EP2018/085807)
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[54] **ADHESIVES**
[54] **ADHESIFS**
[72] WILKE, JONATHAN JAMES, US
[72] MAZZOTTA, MICHAEL GABRIEL, US
[72] NORTH, MICHAEL, US
[72] PUTNAM, AMELIA, US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2020-06-01
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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0215 (2006.01) A61M 1/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FILTERING MEDICAL DEVICE NOISE ARTIFACTS FROM VENOUS WAVEFORM SIGNALS**
[54] **SYSTEMES ET PROCEDES DE FILTRAGE D'ARTEFACTS DE BRUIT DE DISPOSITIF MEDICAL PRESENTS DANS DES SIGNAUX DE FORME D'ONDE DU SYSTEME VEINEUX**
[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] 2020-06-01
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[30] US (62/599,421) 2017-12-15
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[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01)**
[25] EN
[54] **AUTOMATIC DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT POUR LAVE-VAISSELLE**
[72] JACKSON, MICHELLE, GB
[72] PEREZ-PRAT DE VINUESA, EVA MARIA, GB
[72] TARBIT, DAVID JOHN, GB
[72] SOUTER, PHILIP FRANK, GB
[72] BABE, LILIA MARIA, US
[72] ESTELL, DAVID AARON, US
[72] GOEDEGEBUUR, FRITS, US
[72] MULDER, HARM JAN, US
[72] PRICELIUS, SINA, US
[72] DANKMEYER, LYIDA, US
[72] KAPER, THIJS, US
[72] ENGIN, HATICE BILLUR, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-06-01
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[51] **Int.Cl. B67D 7/04 (2010.01) B67D 7/62 (2010.01) F04B 3/00 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **DRUM MOUNTED, ON-DEMAND FLUID TRANSFER PUMP**
[54] **POMPE DE TRANSFERT DE FLUIDE A LA DEMANDE MONTEE SUR TAMBOUR**
[72] MULYADI, WELLY, AU
[72] UCCELLANI, MARCO, AU
[72] SZCZUROWSKI, PAWEL, AU
[72] JOSEPHSON, GREG, AU
[71] MACNAUGHT PTY LIMITED, AU
[85] 2020-06-02
[86] 2018-08-29 (PCT/AU2018/050922)
[87] (WO2019/109128)
[30] AU (2017904870) 2017-12-04

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[51] **Int.Cl. A47J 31/40 (2006.01) A47J 31/42 (2006.01) B25J 9/00 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **ROBOTIC BEVERAGE PREPARATION SYSTEM AND CONTROL SYSTEMS AND METHODS THEREFOR**
[54] **SYSTEME DE PREPARATION DE BOISSONS ROBOTIQUE ET SYSTEMES ET PROCEDES DE COMMANDE ASSOCIES**
[72] MACFARLANE, FLYNN, AU
[72] BOLITHO, DANIEL, AU
[72] WILKIE, LIAM, AU
[72] MOHAMMAD, ALI SYED, AU
[72] ELLIOT-JONES, MICHAEL, AU
[72] RALPH, RYAN, AU
[72] SOOKRAM, BHAVISH, AU
[72] LUND, CLAYTON GREGORY ARNOLD, AU
[72] WATTS, PATRICK, AU
[72] RUBINSTEIN, JADEN JIGME, AU
[72] XIAO, YUN, AU
[72] MOID, HAFIZ ABDUL, AU
[71] AABAK THOUGHTS PTY LTD, AU
[85] 2020-06-02
[86] 2018-12-04 (PCT/AU2018/051295)
[87] (WO2019/109137)
[30] AU (2017904875) 2017-12-04
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[51] **Int.Cl. G06T 19/00 (2011.01) G06K 9/62 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR MANAGING AND DISPLAYING VIRTUAL CONTENT IN A MIXED REALITY SYSTEM**
[54] **PROCEDE ET SYSTEME DE GESTION ET D'AFFICHAGE DE CONTENU VIRTUEL DANS UN SYSTEME DE REALITE MIXTE**
[72] TATE-GANS, JUNE, US
[72] YISKIS, ERIC NORMAN, US
[72] RUSHTON, MARK ASHLEY, US
[72] HOVER, DAVID WILLIAM, US
[72] BABU J D, PRAVEEN, US
[71] MAGIC LEAP, INC., US
[85] 2020-06-01
[86] 2018-12-18 (PCT/US2018/066331)
[87] (WO2019/126238)
[30] US (62/610,101) 2017-12-22

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[25] EN
[54] **COMMUNICATING MOBILITY EVENTS IN AN IMS NETWORK ENVIRONMENT**
[54] **COMMUNICATION D'EVENEMENTS DE MOBILITE DANS UN ENVIRONNEMENT DE RESEAU IMS**
[72] RAHMAN, MUHAMMAD TAWHIDUR, US
[71] T-MOBILE USA, INC., US
[85] 2020-06-01
[86] 2019-01-09 (PCT/US2019/012943)
[87] (WO2019/140014)
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[51] **Int.Cl. G06F 8/30 (2018.01)**
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[54] **SPREADSHEET-BASED SOFTWARE APPLICATION DEVELOPMENT**
[54] **DEVELOPPEMENT D'APPLICATIONS LOGICIELLES A BASE DE TABLEURS**
[72] STACHURA, THOMAS, CA
[71] STACHURA, THOMAS, CA
[85] 2020-06-02
[86] 2018-12-03 (PCT/CA2018/051547)
[87] (WO2019/104447)
[30] US (15/829,979) 2017-12-03

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[13] A1
[51] **Int.Cl. E21B 37/04 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **CLEANOUT TOOLS AND RELATED METHODS OF OPERATION**
[54] **OUTILS DE NETTOYAGE ET PROCEDES DE FONCTIONNEMENT ASSOCIES**
[72] DENNIS, MICHAEL W., US
[72] PANKONIEN, GARY W., US
[72] WILSON, GARRY A., US
[71] DENNIS, MICHAEL W., US
[85] 2020-06-01
[86] 2018-10-29 (PCT/US2018/057928)
[87] (WO2019/112706)
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/117 (2014.01) H04N 19/154 (2014.01) H04N 19/186 (2014.01) H04N 19/36 (2014.01) H04N 19/80 (2014.01)**
[25] EN
[54] **SIGNALING MECHANISMS FOR EQUAL RANGES AND OTHER DRA PARAMETERS FOR VIDEO CODING**
[54] **MECANISMES DE SIGNALISATION POUR DES PLAGES EGALES ET D'AUTRES PARAMETRES DRA POUR LE CODAGE VIDEO**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] RUSANOVSKYY, DMYTRO, US
[71] QUALCOMM INCORPORATED, US
[85] 2020-06-01
[86] 2019-01-11 (PCT/US2019/013267)
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[30] US (62/616,383) 2018-01-11
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[13] A1
[51] **Int.Cl. G01N 30/60 (2006.01) B01D 15/22 (2006.01)**
[25] EN
[54] **DEVICES AND SYSTEMS FOR CHROMATOGRAPHY COLUMN BED SUPPORT MANAGEMENT AND RELATED METHODS**
[54] **DISPOSITIFS ET SYSTEMES DE GESTION DE SUPPORTS DE LIT DE COLONNE DE CHROMATOGRAPHIE ET PROCEDES ASSOCIES**
[72] KENT, KEVIN, US
[72] GALLEA, JOSEPH, US
[72] BINGA, BENJAMIN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-06-01
[86] 2018-11-29 (PCT/US2018/063029)
[87] (WO2019/118187)
[30] US (62/598,091) 2017-12-13

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[13] A1
[51] **Int.Cl. A23G 3/42 (2006.01)**
[25] EN
[54] **COLD DESSERT WITH GELATIN-BASED INCLUSIONS ADAPTED FOR LOW TEMPERATURE CONSUMPTION**
[54] **DESSERT FROID AVEC INCLUSIONS A BASE DE GELATINE ADAPTE POUR UNE CONSOMMATION A BASSE TEMPERATURE**
[72] ALBRECHT, DAVID, US
[71] WELLS ENTERPRISES, INC., US
[85] 2020-06-01
[86] 2018-11-29 (PCT/US2018/063042)
[87] (WO2019/108780)
[30] US (62/593,558) 2017-12-01

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[51] **Int.Cl. A61B 17/122 (2006.01) A61B 17/128 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **HEMOSTASIS CLIP**
[54] **PINCE HEMOSTATIQUE**
[72] SAENZ VILLALOBOS, GONZALO JOSE, CR
[72] MCEVILLY, KEVIN, IE
[72] BRENES ACOSTA, ALEJANDRO, CR
[72] BERENZON, RAFAEL, CR
[72] ARTAVIA SALAS, VIVIANA, CR
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2020-06-01
[86] 2019-01-18 (PCT/US2019/014160)
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[13] A1
[51] **Int.Cl. F04B 17/03 (2006.01) F04B 49/06 (2006.01) F04B 53/14 (2006.01)**
[25] EN
[54] **ELECTRO-MECHANICAL ACTUATION SYSTEM FOR A PISTON-DRIVEN FLUID PUMP**
[54] **SYSTEME D'ACTIONNEMENT ELECTROMECANIQUE POUR POMPE A FLUIDE A ENTRAINEMENT PAR PISTON**
[72] STARKEY, BENJAMIN, US
[72] MANZANARES, DAVID J., US
[71] UMBRA CUSCINETTI, INCORPORATED, US
[85] 2020-06-01
[86] 2018-11-29 (PCT/US2018/063101)
[87] (WO2019/108819)
[30] US (15/828,177) 2017-11-30

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[13] A1
[51] **Int.Cl. A23J 3/08 (2006.01) A23J 3/30 (2006.01)**
[25] EN
[54] **FORMULATIONS FOR NUTRITIONAL SUPPORT IN SUBJECTS IN NEED THEREOF**
[54] **FORMULATIONS POUR SOUTIEN NUTRITIONNEL CHEZ DES SUJETS DONT L'ETAT LE NECESSITE**
[72] BELLDEGRUN, RON, US
[72] FUNT, MIA, US
[71] SECOND SCIENCE, INC., US
[85] 2020-06-01
[86] 2018-11-30 (PCT/US2018/063427)
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[51] **Int.Cl. G06F 8/61 (2018.01) G06F 21/57 (2013.01) G06F 9/4401 (2018.01) G06F 9/445 (2018.01)**
[25] EN
[54] **FIRMWARE PUBLICATION OF MULTIPLE BINARY IMAGES**
[54] **PUBLICATION PAR MICROPROGRAMME D'IMAGES BINAIRES MULTIPLES**
[72] KHORUZHENKO, EUGENE, CA
[72] BUSH, JEFFREY MICHAEL, US
[72] GARDNER, PHILIP B, CA
[71] ABSOLUTE SOFTWARE CORPORATION, CA
[85] 2020-06-02
[86] 2018-12-11 (PCT/CA2018/051575)
[87] (WO2019/113686)
[30] US (62/598,095) 2017-12-13
[30] US (62/598,319) 2017-12-13

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[13] A1
[51] **Int.Cl. A01L 15/00 (2006.01) A01L 3/00 (2006.01)**
[25] EN
[54] **HOOF CARE KITS AND METHODS OF MAKING AND USING THE SAME**
[54] **KITS DE SOINS DES SABOTS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] STEWARD, JOHN BRIAN, US
[72] BRYSON, TANNER ELDON, US
[71] EASTERN TECHNOLOGIES, INC., US
[85] 2020-06-01
[86] 2018-12-03 (PCT/US2018/063568)
[87] (WO2019/112936)

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[13] A1
[51] **Int.Cl. G02B 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FOCAL-PLANE ANGULAR-SPATIAL ILLUMINATOR/DETECTOR (FASID) DESIGN FOR IMPROVED GRADED INDEX LENSES**
[54] **SYSTEME ET PROCEDE DE CONCEPTION D'ILLUMINATEUR/DETECTEUR SPATIAL-ANGULAIRE DANS LE PLAN FOCAL (FASID) POUR DES LENTILLES A GRADIENT D'INDICE AMELIOREES**
[72] FEIGENBAUM, EYAL, US
[72] BUDE, JEFFREY D., US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[85] 2020-06-01
[86] 2018-12-03 (PCT/US2018/063591)
[87] (WO2019/125745)
[30] US (15/850,401) 2017-12-21

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[13] A1
[51] **Int.Cl. E04B 2/00 (2006.01) E04B 1/76 (2006.01)**
[25] EN
[54] **EXTERIOR WALL PANEL AND EXTERIOR WALL PANEL ASSEMBLY**
[54] **PANNEAU MURAL EXTERIEUR ET ENSEMBLE PANNEAU MURAL EXTERIEUR**
[72] CHAREST, PIERRE-YVES, CA
[72] TREMBLAY, FRANCOIS, CA
[71] OIKOS CONCEPT INC., CA
[85] 2020-06-02
[86] 2018-12-12 (PCT/CA2018/051587)
[87] (WO2019/113698)
[30] US (62/597,558) 2017-12-12

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[13] A1
[51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/48 (2006.01) A23G 9/50 (2006.01)**
[25] EN
[54] **COLD DESSERT WITH GELATIN-BASED COMPONENT ADAPTED FOR LOW-TEMPERATURE CONSUMPTION**
[54] **DESSERT FROID AVEC COMPOSANT A BASE DE GELATINE ADAPTE POUR UNE CONSOMMATION A BASSE TEMPERATURE**
[72] ALBRECHT, DAVID, US
[71] WELLS ENTERPRISES, INC., US
[85] 2020-06-01
[86] 2018-12-03 (PCT/US2018/063616)
[87] (WO2019/109078)
[30] US (62/593,558) 2017-12-01
[30] US (16/204,544) 2018-11-29

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[13] A1
[51] **Int.Cl. H04W 4/38 (2018.01) G06Q 50/12 (2012.01) H04W 4/35 (2018.01) H04W 4/80 (2018.01) G06K 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROGRAMMING WIRELESS SENSOR TAGS IN FOOD SERVICE OPERATIONS**
[54] **SYSTEME ET PROCEDE DE PROGRAMMATION D'ETIQUETTES DE CAPTEURS SANS FIL PENDANT DES OPERATIONS D'UN SERVICE ALIMENTAIRE**
[72] SAENZ, JORGE, US
[72] DAGDELEN UYSAL, DILEK, US
[72] JUMP, DENNIS, US
[72] YURT, OZCAN, US
[72] MUNERA, JAIME, US
[72] WELLS, JEFFREY LANE, US
[71] METRC LLC, US
[85] 2020-06-01
[86] 2018-12-03 (PCT/US2018/063655)
[87] (WO2019/109087)
[30] US (62/593,638) 2017-12-01

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[13] A1
[51] **Int.Cl. G06T 13/40 (2011.01) G06T 13/20 (2011.01) G06T 13/00 (2011.01)**
[25] EN
[54] **CONTEXTUAL-BASED RENDERING OF VIRTUAL AVATARS**
[54] **RENDU CONTEXTUEL D'AVATARS VIRTUELS**
[72] MILLER IV, THOMAS MARSHALL, US
[72] NG-THOW-HING, VICTOR, US
[72] ANON, JOSH, US
[72] HAMILTON IV, FRANK ALEXANDER, US
[72] HEINER, COLE PARKER, US
[72] CANO, RODRIGO, US
[72] STOLZENBERG, KAREN, US
[72] PAZMINO, LORENA, US
[72] TRAN, GREGORY MINH, US
[72] IMBERT, STEPHANE ANTOINE JOSEPH, US
[72] MARINELLO, ANTHONY, US
[71] MAGIC LEAP, INC., US
[85] 2020-06-01
[86] 2018-12-03 (PCT/US2018/063671)
[87] (WO2019/118222)
[30] US (62/598,905) 2017-12-14

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C07F 9/165 (2006.01) C07H 19/10 (2006.01) C07H 19/20 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **GAPMER OLIGONUCLEOTIDES COMPRISING A PHOSPHORODITHIOATE INTERNUCLEOSIDE LINKAGE**
[54] **OLIGONUCLEOTIDES GAPMERES COMPRENANT UNE LIAISON INTERNUCLEOSIDIQUE PHOSPHORODITHIOATE**
[72] BLEICHER, KONRAD, CH
[72] DUSCHMALE, JOERG, CH
[72] DUSCHMALE, MARTINA BRIGITTE, CH
[72] HANSEN, HENRIK FRYDENLUND, DK
[72] FUNDER, ERIK, DK
[72] KOCH, TROELS, DK
[72] LI, MEILING, CH
[72] SCHAEUBLIN, ADRIAN, CH
[72] SHU, XI, CN
[72] WU, YONG, CN
[71] ROCHE INNOVATION CENTER COPENHAGEN A/S, DK
[85] 2020-05-29
[86] 2018-12-21 (PCT/EP2018/086466)
[87] (WO2019/122282)
[30] CN (PCT/CN2017/118037) 2017-12-22
[30] EP (18198483.2) 2018-10-03

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[13] A1
[51] **Int.Cl. C12Q 1/6813 (2018.01) G01N 21/64 (2006.01) G01N 33/52 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING SEQUENCE INFORMATION FROM SINGLE NUCLEIC ACID MOLECULE MEASUREMENTS**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION D'INFORMATIONS DE SEQUENCE A PARTIR DE MESURES DE MOLECULES D'ACIDE NUCLEIQUE UNIQUE**
[72] SCHWARTZ, DAVID CHARLES, US
[72] NANDI, SUBHRANGSHU, US
[72] NEWTON, MICHAEL ABBOTT, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2020-06-01
[86] 2018-12-04 (PCT/US2018/063785)
[87] (WO2019/113024)
[30] US (62/594,385) 2017-12-04

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[13] A1
[51] **Int.Cl. E05B 15/00 (2006.01) E05B 17/22 (2006.01) E05B 47/00 (2006.01) E05B 47/06 (2006.01)**
[25] EN
[54] **ELECTRO-MECHANICAL LOCK AND INSTALLATION METHOD HAVING INTEGRATED ELECTRICAL CONDUCTOR**
[54] **SERRURE ELECTROMECANIQUE ET PROCEDE D'INSTALLATION A UN CONDUCTEUR ELECTRIQUE INTEGRE**
[72] MILLER, J. CLAYTON, US
[71] LOCK II, LLC, US
[85] 2020-06-01
[86] 2018-12-04 (PCT/US2018/063832)
[87] (WO2019/113058)
[30] US (62/594,268) 2017-12-04

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[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **INJECTABLE BOTULINUM TOXIN FORMULATIONS AND METHODS OF USE THEREOF HAVING HIGH RESPONSE RATE AND LONG EFFECT DURATION**
[54] **FORMULATIONS INJECTABLES DE TOXINE BOTULIQUE ET PROCEDES D'UTILISATION DE CELLES-CI AYANT UN TAUX DE REPONSE ELEVE ET UN EFFET LONGUE DUREE**
[72] RUBIO, ROMAN, US
[71] REVANCE THERAPEUTICS, INC., US
[85] 2020-06-01
[86] 2018-12-04 (PCT/US2018/063942)
[87] (WO2019/113133)
[30] US (62/594,529) 2017-12-04
[30] US (62/774,850) 2018-12-03

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[13] A1
[51] **Int.Cl. A61K 35/28 (2015.01) C07K 14/55 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **PROSTATE CANCER SPECIFIC MARROW INFILTRATING LYMPHOCYTES AND USES THEREOF**
[54] **LYMPHOCYTES INFILTRANT LA MOELLE OSSEUSE SPECIFIQUES AU CANCER DE LA PROSTATE ET UTILISATIONS ASSOCIEES**
[72] NOONAN, KIMBERLY A., US
[72] BORRELLO, IVAN, US
[71] WINDMIL THERAPEUTICS, INC., US
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[30] US (62/646,649) 2018-03-22

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[51] **Int.Cl. A61M 1/00 (2006.01) A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61M 3/00 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **MANUALLY-OPERATED NEGATIVE PRESSURE WOUND THERAPY (NPWT) BANDAGE WITH IMPROVED PUMP EFFICIENCY, AUTOMATIC PRESSURE INDICATOR AND AUTOMATIC PRESSURE LIMITER**
[54] **PANSEMENT A PRESSION NEGATIVE ACTIONNE MANUELLEMENT (NPWT) EQUIPE D'UNE POMPE PLUS EFFICACE, D'UN INDICATEUR DE PRESSION AUTOMATIQUE ET D'UN LIMITEUR DE PRESSION AUTOMATIQUE**
[72] JOHNSON, TIMOTHY, US
[72] SEARS, CHARLES, US
[72] ALBERT, SEAN, US
[72] TORTORIELLO, DAVID, US
[72] SOTO, ORLANDO, US
[71] CORNELL UNIVERSITY, US
[85] 2020-06-01
[86] 2018-12-06 (PCT/US2018/064178)
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[30] US (62/595,398) 2017-12-06
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[51] **Int.Cl. C07K 16/00 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **GLUCURONYLATION AS A NEW ACIDIC POST-TRANSLATIONAL MODIFICATION ON THERAPEUTIC MONOCLONAL ANTIBODIES**
[54] **GLUCURONYLATION EN TANT QUE NOUVELLE MODIFICATION POST-TRANSLATIONNELLE ACIDE SUR DES ANTICORPS MONOCLONAUX THERAPEUTIQUES**
[72] WANG, SHUNHAI, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-06-01
[86] 2019-01-29 (PCT/US2019/015549)
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[54] **PHARMACEUTICAL FORMULATIONS**
[54] **FORMULATIONS PHARMACEUTIQUES**
[72] XU, JINGRONG, US
[72] JONES, WILLIAM, US
[72] FLICKER, FELICIA, US
[72] BERNER, BRET, US
[71] CORVUS PHARMACEUTICALS, INC., US
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[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NUCLEIC ACID LIBRARY PREPARATION VIA TEMPLATE SWITCHING MECHANISM**
[54] **SYSTEME ET PROCEDE DE PREPARATION DE BIBLIOTHEQUE D'ACIDES NUCLEIQUES PAR L'INTERMEDIAIRE D'UN MECANISME DE COMMUTATION DE MATRICE**
[72] RANIK, MARTIN, ZA
[72] MCEWAN, PAUL, US
[72] VAN DER WALT, ERIC, ZA
[72] HSIEH, JENNIFER, ZA
[72] WADSWORTH, ROSS, ZA
[72] STRYDOM, MARLIZ, ZA
[71] KAPA BIOSYSTEMS, INC., US
[85] 2020-06-01
[86] 2018-12-06 (PCT/US2018/064227)
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[54] **ARM REST FOR A FISHING POLE**
[54] **ACCOUDOIR POUR CANNE A PECHE**
[72] WAGNER, STEVE V., US
[71] WAGNER, STEVE V., US
[85] 2020-06-01
[86] 2019-02-19 (PCT/US2019/018633)
[87] (WO2019/182708)
[30] US (62/647,348) 2018-03-23
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[25] EN
[54] **GENE EDITING USING A MODIFIED CLOSED-ENDED DNA (CEDNA)**
[54] **EDITION DE GENE A L'AIDE D'UN ADN MODIFIE A EXTREMITES FERMEES (ADNCE)**
[72] KOTIN, ROBERT M., US
[72] KERR, DOUGLAS, US
[72] SAMAYOA, PHILIP, US
[72] ALKAN, OZAN, US
[72] SIMMONS, MATTHEW J., US
[71] GENERATION BIO CO., US
[85] 2020-06-01
[86] 2018-12-06 (PCT/US2018/064242)
[87] (WO2019/113310)
[30] US (62/595,328) 2017-12-06
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[54] **GLOBIN GENE THERAPY FOR TREATING HEMOGLOBINOPATHIES**
[54] **THERAPIE GENIQUE AVEC UN GENE DE GLOBINE POUR LE TRAITEMENT DES HEMOGLOBINOPATHIES**
[72] SADELAIN, MICHEL, US
[72] CABRIOLU, ANNALISA, IT
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2020-06-01
[86] 2018-12-06 (PCT/US2018/064256)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PERFORMING AUTOMATED FEEDBACK ON POTENTIAL REAL ESTATE TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES POUR EFFECTUER UN RETOUR D'INFORMATION AUTOMATISE SUR DES TRANSACTIONS IMMOBILIERES POTENTIELLES**
[72] LOOKABAUGH, BRAD, US
[72] GAY, JOHN BRODIE, US
[71] REAL ESTATE EQUITY EXCHANGE INC., US
[85] 2020-06-01
[86] 2018-12-07 (PCT/US2018/064376)
[87] (WO2019/113397)
[30] US (62/596,526) 2017-12-08

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[51] **Int.Cl. C09D 7/61 (2018.01) C09D 7/40 (2018.01) C09D 5/02 (2006.01) C09D 15/00 (2006.01) C09D 133/00 (2006.01) C08K 3/36 (2006.01)**
[25] EN
[54] **AQUEOUS COATING COMPOSITIONS FOR FORMING ANTI-GRAIN-PUFFING COATINGS ON WOOD SUBSTRATE, AQUEOUS PAINTS AND ARTICLES**
[54] **COMPOSITIONS AQUEUSES DE REVETEMENT POUR FORMER DES REVETEMENTS ANTI-EXPANSION DE GRAIN SUR UN SUBSTRAT EN BOIS, PEINTURES AQUEUSES ET ARTICLES**
[72] YANG, WEI, CN
[72] KE, JIAHUA, CN
[71] GUANGDONG HUARUN PAINTS CO., LTD, CN
[85] 2020-06-01
[86] 2018-12-07 (PCT/US2018/064391)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01)**
[25] EN
[54] **METHODS FOR ENHANCING AND MAINTAINING CAR-T CELL EFFICACY**
[54] **METHODES POUR AMELIORER ET MAINTENIR L'EFFICACITE DE LYMPHOCYTES T CAR**
[72] FOSTER, AARON EDWARD, US
[72] SPENCER, DAVID MICHAEL, US
[71] BELLICUM PHARMACEUTICALS, INC., US
[85] 2020-06-01
[86] 2018-12-07 (PCT/US2018/064568)
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[30] US (62/596,744) 2017-12-08

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[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01) C12N 15/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CAS9 VARIANTS AND METHODS OF USE**
[54] **VARIANTS DE CAS9 ET PROCEDES D'UTILISATION**
[72] FRISCH, RYAN L., US
[72] HE, HONGXIAN, US
[71] DANISCO US INC., US
[85] 2020-06-01
[86] 2018-12-11 (PCT/US2018/064955)
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[54] **ACTIVATABLE POSTAGE**
[54] **FRAIS D'AFFRANCHISSEMENT POUVANT ETRE ACTIVES**
[72] GARBOS, JENNIFER R., US
[72] YOUNG, STEPHANIE F., US
[72] RAVEN, JEANETTE B., US
[72] SCHIMKE, SCOTT, US
[71] HALLMARK CARDS, INCORPORATED, US
[85] 2020-06-01
[86] 2018-12-11 (PCT/US2018/065006)
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[30] US (62/597,381) 2017-12-11
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[25] EN
[54] **AUTONOMOUS CONTROL OF A CROP HARVESTING HEADER**
[54] **COMMANDE AUTONOME D'UNE TETE DE COUPE DE MOISSONNEUSE**
[72] SHEARER, BRUCE ROBERT, CA
[72] LEACHMAN, JEFFREY DAVID, CA
[71] MACDON INDUSTRIES LTD., CA
[85] 2020-06-02
[86] 2019-01-14 (PCT/CA2019/050047)
[87] (WO2019/140512)
[30] US (62/617,815) 2018-01-16
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[25] EN
[54] **DUAL SICKLE KNIFE DRIVE WITH VARIABLE PHASE ANGLE**
[54] **ENTRAINEMENT DE COUTEAU A DOUBLE FAUCILLE A ANGLE DE PHASE VARIABLE**
[72] DUNN, JAMES THOMAS, CA
[72] SHEARER, BRUCE ROBERT, CA
[71] MACDON INDUSTRIES LTD., CA
[85] 2020-06-02
[86] 2019-01-17 (PCT/CA2019/050063)
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[51] **Int.Cl. A61B 17/072 (2006.01)**
[25] EN
[54] **STAPLE CARTRIDGE ASSEMBLY AND MEDICAL STAPLER USING THE STAPLE CARTRIDGE ASSEMBLY**
[54] **ENSEMBLE CARTOUCHE D'AGRAFES ET AGRAFEUSE MEDICALE L'UTILISANT**
[72] YE, YANPING, CN
[72] SHU, TUO, CN
[71] TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD., CN
[85] 2020-06-02
[86] 2018-11-16 (PCT/CN2018/115821)
[87] (WO2019/114495)
[30] CN (201711341435.2) 2017-12-14
[30] CN (201721746900.6) 2017-12-14
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[51] **Int.Cl. C07D 295/18 (2006.01) A61K 38/07 (2006.01) A61P 29/00 (2006.01) C07K 1/06 (2006.01) C07K 5/107 (2006.01)**
[25] EN
[54] **SALT OF PHENYLPROPIONAMIDE DERIVATIVE AND PREPARATION METHOD THEREFOR**
[54] **SEL D'UN DERIVE DE PHENYLPROPIONAMIDE ET SON PROCEDE DE PREPARATION**
[72] WANG, LIN, CN
[72] YE, JINGQUAN, CN
[72] SHAO, QIYUN, CN
[72] FENG, JUN, CN
[72] HE, FENG, CN
[72] CAO, XIAOLI, CN
[72] MA, YAHUI, CN
[71] JIANGSU HENGRUL MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2020-06-02
[86] 2018-12-05 (PCT/CN2018/119309)
[87] (WO2019/109934)
[30] CN (201711272474.1) 2017-12-06

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[51] **Int.Cl. G06F 3/01 (2006.01) A63F 13/213 (2014.01) G07F 17/32 (2006.01)**
[25] EN
[54] **METHOD TO DETERMINE A PRESENT POSITION OF AN OBJECT, POSITIONING SYSTEM, TRACKER AND COMPUTER PROGRAM**
[54] **PROCEDE DE DETERMINATION DE LA POSITION ACTUELLE D'UN OBJET, SYSTEME DE POSITIONNEMENT, MOYEN DE PISTAGE ET PROGRAMME INFORMATIQUE**
[72] OTTO, STEPHAN, DE
[72] FEIGL, TOBIAS, DE
[72] DAXER, CHRISTIAN, DE
[72] BRUCKMANN, ALEXANDER, DE
[72] LOFFLER, CHRISTOFFER, DE
[72] MUTSCHLER, CHRISTOPHER, DE
[72] FASBINDER, MARC, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2017-12-11 (PCT/EP2017/082265)
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[51] **Int.Cl. C12N 9/28 (2006.01)**
[25] EN
[54] **ALPHA-AMYLASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS D'ALPHA-AMYLASE ET POLYNUCLEOTIDES CODANT POUR CES DERNIERS**
[72] STALLINGS, KENDRA, US
[72] ANDERSEN, CARSTEN, DK
[72] RAO, VASUDEVA PRAHLADA, IN
[72] SAIKIA, RAKHI, IN
[72] SRIVASTAVA, VIVEK, IN
[71] NOVOZYMES A/S, DK
[85] 2020-04-28
[86] 2018-12-07 (PCT/US2018/064413)
[87] (WO2019/113413)
[30] IN (201741044156) 2017-12-08
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[54] **TECHNICAL METHOD FOR SYSTEMATICALLY ORGANISING INFORMATION IN SPACE**
[54] **PROCEDE TECHNIQUE D'ORGANISATION SYSTEMATIQUE DE L'INFORMATION DANS L'ESPACE**
[72] CARREL, YVES, CH
[71] CARREL, YVES, CH
[85] 2020-06-01
[86] 2017-08-24 (PCT/CH2017/000077)
[87] (WO2018/232534)
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[51] **Int.Cl. D21F 7/08 (2006.01) D21F 11/00 (2006.01) D21F 11/14 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING IMPROVED CELLULOSIC PRODUCTS USING NOVEL PRESS FELTS AND PRODUCTS MADE THEREFROM**
[54] **PROCEDES DE FABRICATION DE PRODUITS CELLULOSIQUES PERFECTIONNES FAISANT APPEL A DE NOUVEAUX FEUTRES DE PRESSE ET PRODUITS FABRIQUES SELON LES PROCEDES**
[72] AWOFESO, ANTHONY O., US
[72] LAMERS, TIMOTHY, US
[72] BIEVER, THOMAS, US
[72] BELL, JAMES, US
[72] STORTELDER, CLEMENS, NL
[71] ALBANY INTERNATIONAL CORP., US
[85] 2020-04-21
[86] 2018-10-18 (PCT/IB2018/058101)
[87] (WO2019/082031)
[30] US (62/577,985) 2017-10-27
[30] US (16/129,371) 2018-09-12

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[51] **Int.Cl. A01N 25/26 (2006.01) A01N 25/28 (2006.01) A01P 21/00 (2006.01) C05G 3/00 (2020.01)**
[25] EN
[54] **COATED AGROCHEMICAL COMPOSITION**
[54] **COMPOSITION AGROCHIMIQUE REVETUE**
[72] TKALYA, EVGENIY, NL
[72] GOSENS, RONALD PETRUS JOHANNES, NL
[72] SIJSTERMANS, SUSAN TINE KATHELYNE, NL
[72] HENDRIKS, MICHAEL ERNEST JOSEPHINA, NL
[72] MARX, MARTIN ANNA FRANSISCUS JACOBUS, NL
[72] RABE, KARINA, DE
[72] OUT, GERARDUS JACOBUS JOSEPH, NL
[71] EVERRIS INTERNATIONAL B.V., NL
[85] 2020-04-27
[86] 2018-10-30 (PCT/EP2018/079682)
[87] (WO2019/086440)
[30] EP (17199572.3) 2017-11-01

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[51] **Int.Cl. B21F 3/02 (2006.01) B21F 5/00 (2006.01) B21F 11/00 (2006.01) B21J 1/06 (2006.01) B21J 9/02 (2006.01) B21K 1/56 (2006.01) B21K 27/04 (2006.01) B21K 27/06 (2006.01) B21K 29/00 (2006.01)**
[25] EN
[54] **MULTI-STAGE PRESS AND METHOD FOR PRODUCTION OF A FORMED PART**
[54] **PRESSE MULTI-ETAGE ET PROCEDE DE FABRICATION D'UN ELEMENT OBTENU PAR FORMAGE**
[72] ERHARD, JUSTUS, DE
[71] NEDSCHROEF HERENTALS N.V., BE
[85] 2020-06-02
[86] 2017-12-12 (PCT/EP2017/082318)
[87] (WO2019/114929)

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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/365 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS BUCCAUX**
[72] MATUR, TURAN, CH
[72] HESS, SYLVIA, CH
[72] BRUNELLA, ANDRE, CH
[72] SCHOLLBACH, THOMAS, CH
[71] GABA INTERNATIONAL HOLDING GMBH, CH
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[51] **Int.Cl. F03D 1/06 (2006.01) F03D 13/10 (2016.01) F03D 80/00 (2016.01)**
[25] EN
[54] **WIND TURBINE AND METHOD FOR ASSEMBLING A WIND TURBINE**
[54] **EOLIENNE ET PROCEDE D'ASSEMBLAGE D'EOLIENNE**
[72] BACH, PEDER, DK
[72] BEDNAREK, JAKUB, DK
[72] DEOKAR, PRASHANT TUKARAM, DK
[72] LAURSEN, CHRISTIAN, DK
[72] NIELSEN, KIM GADE, DK
[71] SIEMENS GAMESA RENEWABLE ENERGY A/S, DK
[85] 2020-06-02
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[30] EP (17205064.3) 2017-12-04

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[51] **Int.Cl. B27D 5/00 (2006.01) B27M 1/08 (2006.01)**
[25] EN
[54] **EDGE PROCESSING SYSTEM**
[54] **INSTALLATION DE TRAITEMENT DE CHANTS**
[72] HAMPEL, THOMAS, DE
[72] HUSENER, STEFAN, DE
[72] KOTTKAMP, TIM, DE
[72] SEIFERT, UWE, DE
[71] IMA SCHELLING DEUTSCHLAND GMBH, DE
[85] 2020-06-02
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[30] DE (10 2017 125 936.8) 2017-11-07

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[51] **Int.Cl. A61K 8/58 (2006.01) A61K 8/895 (2006.01) A61K 8/92 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS COMPRISING SILICONE ELASTOMER AND EMOLLIENT**
[54] **COMPOSITIONS COSMETIQUES COMPRENANT UN ELASTOMERE DE SILICONE ET UN EMOLLIENT**
[72] DOBKOWSKI, BRIAN JOHN, US
[72] MENG, SHENG, CN
[72] SONG, WENHUI, CN
[72] YANG, XIAOXIA, CN
[72] ZHAO, WEI, CN
[71] UNILEVER PLC, GB
[85] 2020-06-02
[86] 2018-11-19 (PCT/EP2018/081775)
[87] (WO2019/115169)
[30] CN (PCT/CN2017/115580) 2017-12-12
[30] EP (18150585.0) 2018-01-08

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[51] **Int.Cl. A61N 1/375 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **CUFF ELECTRODE OR OPTRODE COMPRISING SOFT EDGES AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **ELECTRODE OU OPTRODE A MANCHON COMPRENANT DES BORDS SOUPLES ET PROCEDE DE PRODUCTION ASSOCIE**
[72] DOGUET, PASCAL, BE
[72] DAUTREBANDE, MARIE, BE
[72] OLBRECHTS, BENOIT, BE
[72] THIEBAUT, GREGORY, BE
[71] SYNERGIA MEDICAL, BE
[85] 2020-06-02
[86] 2018-11-27 (PCT/EP2018/082703)
[87] (WO2019/110378)
[30] EP (PCT/EP2017/081408) 2017-12-04

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[13] A1
[51] **Int.Cl. G03F 7/40 (2006.01) G03F 7/20 (2006.01)**
[25] EN
[54] **A METHOD FOR MAKING A LITHOGRAPHIC PRINTING PLATE**
[54] **PROCEDE DE FABRICATION D'UNE PLAQUE D'IMPRESSION LITHOGRAPHIQUE**
[72] HENDRIKX, PETER, BE
[72] HIMSCHOOT, KATLEEN, BE
[72] VERBRUGGHE, SAM, BE
[71] AGFA NV, BE
[85] 2020-06-02
[86] 2018-11-30 (PCT/EP2018/083098)
[87] (WO2019/110432)
[30] EP (17206098.0) 2017-12-08

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[51] **Int.Cl. B07B 4/02 (2006.01) B07B 7/086 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR SEPARATING PARTICLES OF DIFFERENT SIZES BY MEANS OF CYCLONIC SEPARATION**
[54] **APPAREIL PERMETTANT DE SEPARER DES PARTICULES DE DIFFERENTES TAILLES AU MOYEN D'UNE SEPARATION CYCLONIQUE**
[72] VUJADINOVIC, BORISLAV, SE
[71] KLINGMILL AB, SE
[85] 2020-06-02
[86] 2018-11-30 (PCT/EP2018/083220)
[87] (WO2019/110451)
[30] EP (17205229.2) 2017-12-04

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[51] **Int.Cl. E04H 4/00 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **SURFING INSTALLATION**
[54] **INSTALLATION DE SURF**
[72] KLIMASCHEWSKI, RAINER, DE
[71] ACTION TEAM VERANSTALTUNGS GMBH, DE
[85] 2020-06-02
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[87] (WO2019/110496)
[30] EP (17205359.7) 2017-12-05

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[13] A1
[51] **Int.Cl. E21B 33/14 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURE OF CASING LINER IN A WELLBORE**
[54] **FABRICATION ADDITIVE DE CHEMISE DE CUVELAGE DANS UN TROU FORE**
[72] BOUL, PETER J., US
[72] THAEMLITZ, CARL J., US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[86] 2018-11-30 (PCT/US2018/063270)
[87] (WO2019/112891)
[30] US (62/594,676) 2017-12-05

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[54] **ADDITIVE MANUFACTURE OF WELLBORE LINING**
[54] **FABRICATION ADDITIVE DE CHEMISE DE TROU FORE**
[72] BOUL, PETER J., US
[72] THAEMLITZ, CARL J., US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-02
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[51] **Int.Cl. E21B 33/14 (2006.01)**
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[54] **ADDITIVE MANUFACTURE OF WELLBORE TUBULARS**
[54] **FABRICATION ADDITIVE D'ELEMENTS TUBULAIRES DE PUITS DE FORAGE**
[72] BOUL, PETER J., US
[72] THAEMLITZ, CARL J., US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-02
[86] 2018-11-30 (PCT/US2018/063278)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 38/17 (2006.01) C07K 14/47 (2006.01) C07K 14/725 (2006.01)**
[25] EN
[54] **HLA CLASS I-RESTRICTED T CELL RECEPTORS AGAINST MUTATED RAS**
[54] **RECEPTEURS DE LYMPHOCYTES T, LIMITES A L'ANTIGENE HLA DE CLASSE I, AYANT UNE SPECIFICITE ANTIGENIQUE POUR TOUTE PROTEINE RAS MUTEE**
[72] YOUSEPH, RAMI, US
[72] LU, YONG-CHEN, US
[72] CAFRI, GAL, US
[72] ROSENBERG, STEVEN A., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2020-06-02
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[30] US (62/594,244) 2017-12-04

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[13] A1
[51] **Int.Cl. C07C 29/00 (2006.01) C07C 51/27 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF NITROGEN OXIDES AND NITRIC ACID FROM NITROUS OXIDE**
[54] **PROCEDE DE PREPARATION D'OXYDES D'AZOTE ET D'ACIDE NITRIQUE A PARTIR D'OXYDE NITREUX**
[72] BUSH, GREGORY E., US
[72] ELMORE, DARRICK K., US
[72] KHRAMOV, MIKHAIL, US
[71] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
[85] 2020-06-02
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[30] US (62/594,743) 2017-12-05

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[51] **Int.Cl. G06Q 50/02 (2012.01)**
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[54] **DEVICE AND METHOD FOR ITEM LEVEL TRACEABILITY OF CROPS**
[54] **DISPOSITIF ET PROCEDE DE TRACABILITE DE NIVEAUX D'ELEMENTS DE CULTURES**
[72] ZHANG, YONGHUI, US
[72] VARNI, JASON, US
[72] RUELLO, KENNETH, III, US
[72] SLAUGHENHAUPT, DALE, US
[72] BASSETT-SPIERS, RHONDA, US
[71] ITRADENETWORK, INC., US
[85] 2020-06-02
[86] 2018-12-04 (PCT/US2018/063744)
[87] (WO2019/112999)
[30] US (62/594,074) 2017-12-04

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[51] **Int.Cl. G02B 27/01 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **MULTIBEAM ELEMENT-BASED NEAR-EYE DISPLAY, SYSTEM, AND METHOD**
[54] **AFFICHAGE PROCHE DES YEUX BASE SUR DES ELEMENTS A FAISCEAUX MULTIPLES, SYSTEME ET PROCEDE**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2020-06-02
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[51] **Int.Cl. F17D 5/06 (2006.01) F17D 5/00 (2006.01) G01M 3/28 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NON-INTRUSIVELY DETERMINING DEPOSITS IN A FLUIDIC CHANNEL**
[54] **PROCEDE ET SYSTEME DE DETERMINATION NON INTRUSIVE DE DEPOTS DANS UN CANAL FLUIDIQUE**
[72] JAGANNATHAN, SRINIVASAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-06-02
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[51] **Int.Cl. B43K 23/016 (2006.01) B43K 29/02 (2006.01) B43L 19/00 (2006.01)**
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[54] **ANTI-ROTATION EXTENDABLE ERASER MECHANISM**
[54] **MECANISME EFFACEUR EXTENSIBLE ANTI-ROTATION**
[72] SWANICK, KENNETH, US
[71] SANFORD, L.P., US
[85] 2020-06-02
[86] 2018-02-23 (PCT/US2018/019434)
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[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **CRISPR-ASSOCIATED (CAS) PROTEIN**
[54] **PROTEINE ASSOCIEE A CRISPR (CAS)**
[72] CARTER, MATTHEW MERRILL, US
[72] DONOHOUE, PAUL DANIEL, US
[71] CARIBOU BIOSCIENCES, INC., US
[85] 2020-06-02
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[25] EN
[54] **HETEROCYCLIC COMPOUNDS AS PRMT5 INHIBITORS**
[54] **COMPOSES HETEROCYCLIQUES EN TANT QU'INHIBITEURS DE PRMT5**
[72] WU, WEN-LIAN, US
[72] YANG, ZHIQIANG, US
[72] LEE, FRANCIS, US
[72] TAN, JOHN QIANG, US
[71] ANGEX PHARMACEUTICAL, INC., US
[85] 2020-06-02
[86] 2018-11-01 (PCT/US2018/058721)
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[51] **Int.Cl. A01F 12/18 (2006.01) A01F 12/28 (2006.01)**
[25] EN
[54] **CONCAVE COVER PLATE**
[54] **PLAQUE DE RECOUVREMENT CONCAVE**
[72] ROBERTSON, BRIAN, US
[71] ROBERTSON, BRIAN, US
[85] 2020-06-02
[86] 2018-11-20 (PCT/US2018/061994)
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[25] EN
[54] **TERTIARY HYDROXYL FUNCTIONAL ALKOXYSILANES AND METHODS FOR PREPARING THEREOF**
[54] **ALCOXYSILANES TERTIAIRE A FONCTION HYDROXYLE ET LEURS PROCEDES DE PREPARATION**
[72] DAMKE, JAN-ERIK, DE
[72] KLEIN, JOHANN, DE
[72] BRISAR, ROK, DE
[72] MEJIA, ESTEBAN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-06-02
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[87] (WO2019/115321)
[30] EP (17206708.4) 2017-12-12

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[51] **Int.Cl. C08G 18/75 (2006.01) C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/28 (2006.01)**
[25] EN
[54] **SILYLATED POLYURETHANES AND METHODS FOR PREPARING THEREOF**
[54] **POLYURETHANES SILYLES ET LEURS PROCEDES DE PREPARATION**
[72] DAMKE, JAN-ERIK, DE
[72] KLEIN, JOHANN, DE
[72] BRISAR, ROK, DE
[72] MEJIA, ESTEBAN, DE
[71] HENKEL AG & CO. KGAA, DE
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[51] **Int.Cl. A01F 12/24 (2006.01) A01F 12/26 (2006.01) A01F 12/28 (2006.01)**
[25] EN
[54] **CONCAVE COVER PLATE SYSTEM AND METHODS**
[54] **SYSTEME DE PLAQUES DE RECOUVREMENT CONCAVES ET PROCEDES**
[72] ROBERTSON, BRIAN, US
[71] ROBERTSON, BRIAN, US
[85] 2020-06-02
[86] 2018-11-20 (PCT/US2018/062008)
[87] (WO2019/112794)
[30] US (15/832,142) 2017-12-05
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[51] **Int.Cl. E21B 33/14 (2006.01)**
[25] EN
[54] **WELLBORE CASING LINER PRINTING**
[54] **IMPRESSION DE CREPINE DE TUBAGE DE PUITS DE FORAGE**
[72] BOUL, PETER, J., US
[72] THAEMLITZ, CARL, J., US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-02
[86] 2018-11-30 (PCT/US2018/063267)
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[51] **Int.Cl. A61K 35/15 (2015.01) A61K 35/30 (2015.01) G01N 33/50 (2006.01)**
[25] EN
[54] **CELL SYSTEMS USING SPHEROIDS AND METHODS OF MAKING AND USING THE SAME**
[54] **SYSTEMES CELLULAIRES UTILISANT DES SPHEROIDES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] MOORE, MICHAEL JAMES, US
[72] CURLEY, JAB LOWRY, US
[72] SHARMA, ANUP D., US
[72] BOWSER, DEVON, US
[72] BEHN, JORDAN, US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2020-06-02
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[30] US (62/594,525) 2017-12-04

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[25] EN
[54] **CONFIGURABLE SERVICE ISOLATION ZONES FOR SERVICE OF EQUIPMENT EMPLOYING MOBILE ROBOTS**
[54] **ZONES D'ISOLATION DE SERVICE CONFIGURABLES POUR UN SERVICE D'EQUIPEMENT EMPLOYANT DES ROBOTS MOBILES**
[72] COADY, MATTHEW W., US
[72] FOSNIGHT, WILLIAM J., US
[72] SIERRA, ALEJANDRO, US
[72] LACHANCE, DAVID, US
[72] CHESNA, MICHAEL, US
[72] RENARD, PATRICK, US
[72] DANCEWICZ, CHRIS, US
[71] ALERT INNOVATION INC., US
[85] 2020-06-02
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[51] **Int.Cl. A23L 3/37 (2006.01) A23L 3/36 (2006.01) A23L 3/375 (2006.01) A23L 3/44 (2006.01) B01D 11/02 (2006.01) F25D 3/11 (2006.01)**
[25] EN
[54] **ROTARY SEPARATION APPARATUS AND PROCESS**
[54] **APPAREIL ET PROCEDE DE SEPARATION ROTATIVE**
[72] ARNOVICK, TRAVIS J., US
[72] WATTS, JAMES EUGENE, US
[71] THE ORIGINAL RESINATOR, LLC, US
[85] 2020-06-02
[86] 2018-12-05 (PCT/US2018/064036)
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[30] US (15/832,614) 2017-12-05

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 35/12 (2015.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07H 21/04 (2006.01) C07K 14/715 (2006.01) C07K 16/00 (2006.01) C12N 1/21 (2006.01) C12N 15/12 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ENGINEERED PROTEINS TO ENHANCE SENSITIVITY OF A CELL TO IL-2**
[54] **PROTEINES MODIFIEES POUR AMELIORER LA SENSIBILITE D'UNE CELLULE A L'IL-2**
[72] PARKER, SEAN, US
[72] GARCIA, KENAN CHRISTOPHER, US
[72] SOCKOLOSKY, JONATHAN, US
[72] HOLLANDER, MICHAEL, US
[71] BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[51] **Int.Cl. C12N 1/18 (2006.01) C12N 9/02 (2006.01) C12N 9/16 (2006.01) C12N 9/90 (2006.01) C12P 5/00 (2006.01)**
[25] EN
[54] **ENGINEERED BIOSYNTHETIC PATHWAYS FOR PRODUCTION OF (6E)-8-HYDROXYGERANIOL BY FERMENTATION**
[54] **VOIES DE BIOSYNTHESE MANIPULEES POUR LA PRODUCTION DE (6E)-8-HYDROXYGERANIOL PAR FERMENTATION**
[72] TRACEWELL, CARA, US
[72] EDGAR, STEVEN, US
[72] TYMOSHENKO, STEPAN, US
[72] SHEARER, ALEXANDER, US
[71] ZYMERGEN INC., US
[85] 2020-06-02
[86] 2018-12-06 (PCT/US2018/064351)
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[30] US (62/596,013) 2017-12-07

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[54] **TENSIONER**
[54] **TENDEUR**
[72] SINGH, SUKHDEEP, CA
[72] KIM, SANGKYU, CA
[72] KOPPESER, MICHAEL, CA
[71] GATES CORPORATION, US
[85] 2020-06-02
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[51] **Int.Cl. A61M 16/04 (2006.01)**
[25] EN
[54] **ENDOTRACHEAL TUBE GUARD WITH OPTIONAL HOLDING SYSTEM AND OPTIONAL SENSOR**
[54] **DISPOSITIF DE PROTECTION DE TUBE ENDOTRACHEAL AVEC SYSTEME DE MAINTIEN FACULTATIF ET CAPTEUR FACULTATIF**
[72] PAVINI, MARIE, US
[71] PAVINI, MARIE, US
[85] 2020-06-02
[86] 2018-12-07 (PCT/US2018/064603)
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[30] US (62/595,778) 2017-12-07

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[13] A1
[51] **Int.Cl. A01N 25/02 (2006.01) A01N 65/42 (2009.01) A01N 25/30 (2006.01)**
[25] EN
[54] **SABADILLA ALKALOID EMULSIFIABLE CONCENTRATE**
[54] **CONCENTRE EMULSIFIABLE D'ALCALOIDES DE SEBADILLE**
[72] UNGER, DARRICK DAVID, US
[72] SURANYI, ROBERT A., US
[71] MCLAUGHLIN GORMLEY KING COMPANY, US
[85] 2020-06-02
[86] 2018-12-20 (PCT/US2018/066711)
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[30] US (62/610,783) 2017-12-27

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[51] **Int.Cl. A01N 65/00 (2009.01) A01N 65/40 (2009.01) A01N 25/04 (2006.01) A61K 36/00 (2006.01)**
[25] EN
[54] **MIXTURES OF SABADILLA ALKALOIDS AND ESSENTIAL OILS AND USES THEREOF**
[54] **MELANGES D'ALCALOIDES DE SEBADILLE ET D'HUILES ESSENTIELLES ET LEURS UTILISATIONS**
[72] SURANYI, ROBERT A., US
[71] MCLAUGHLIN GORMLEY KING COMPANY, US
[85] 2020-06-02
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[51] **Int.Cl. A01N 37/02 (2006.01) A01N 65/42 (2009.01) A01N 37/04 (2006.01)**
[25] EN
[54] **MIXTURES OF SABADILLA ALKALOIDS AND INSECTICIDAL SOAPS AND USES THEREOF**
[54] **MELANGES D'ALCALOIDES DE SEBADILLE ET DE SAVONS INSECTICIDES ET LEURS UTILISATIONS**
[72] SURANYI, ROBERT A., US
[71] MCLAUGHLIN GORMLEY KING COMPANY, US
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[51] **Int.Cl. A61K 8/49 (2006.01) A61Q 11/00 (2006.01)**
[25] FR
[54] **USE OF DIANHYDROHEXITOL IN ORAL AND DENTAL CARE TO REDUCE THE DEVELOPMENT OF BACTERIAL STRAINS**
[54] **UTILISATION DE DINAHYDROHEXITOL EN HYGIENE BUCCO DENTAIRE POUR REDUIRE LE DEVELOPPEMENT DE SOUCHES BACTERIENNES**
[72] THABUIS, CLEMENTINE, FR
[72] PERREAU, CAROLINE, FR
[72] DESAILLY, FABRICE, FR
[71] ROQUETTE FRERES, FR
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[51] **Int.Cl. B25J 18/02 (2006.01) B66F 9/07 (2006.01)**
[25] EN
[54] **ROBOTIC PICKING ASSEMBLY**
[54] **ENSEMBLE DE RAMASSAGE ROBOTIQUE**
[72] ROUOLT-DUBONNET, OLIVIER, NO
[72] KROGEN, TORBJORN VESTNES, NO
[71] CURRENCE ROBOTICS AS, NO
[85] 2020-06-02
[86] 2018-12-06 (PCT/EP2018/083774)
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[30] NO (20171938) 2017-12-06

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[51] **Int.Cl. A23J 1/00 (2006.01) A23K 50/40 (2016.01) A23G 1/30 (2006.01)**
[25] EN
[54] **DECOLORED RAPESEED PROTEIN ISOLATE**
[54] **ISOLAT DE PROTEINE DE COLZA DECOLORE**
[72] HYLKEMA, NIENKE NINA, NL
[72] SMOLDERS, GERARDUS JOHANNES FRANCISCUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2020-06-02
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[30] EP (17205438.9) 2017-12-05

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[51] **Int.Cl. C09D 163/00 (2006.01) C09D 133/06 (2006.01)**
[25] EN
[54] **SCRATCH AND MAR RESISTANT AUTOMOTIVE COATINGS**
[54] **REVETEMENTS POUR AUTOMOBILES RESISTANTS AUX RAYURES ET A L'ONGLE**
[72] TURLEY, KEVIN MICHAEL, US
[72] THANKI, PARAGKUMAR, IN
[72] JOSHI, GAJANAN, IN
[72] AM RAMANNA, PRASAD, IN
[72] CAMPBELL, DONALD H., US
[72] RAJAN, BHARATHI, IN
[71] BASF COATINGS GMBH, DE
[85] 2020-06-02
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[87] (WO2019/110808)
[30] EP (17205833.1) 2017-12-07

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[51] **Int.Cl. E21B 23/02 (2006.01) E21B 33/128 (2006.01) E21B 33/134 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **ABANDONMENT PLUG AND PLUG AND ABANDONMENT SYSTEM**
[54] **BOUCHON D'ABANDON ET SYSTEME DE BOUCHAGE ET D'ABANDON**
[72] KRAMER, JON, CH
[71] WELLTEC OILFIELD SOLUTIONS AG, CH
[85] 2020-06-02
[86] 2018-12-11 (PCT/EP2018/084275)
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[51] **Int.Cl. C12N 1/20 (2006.01) A61K 39/02 (2006.01) A61K 39/095 (2006.01) A61K 39/108 (2006.01) C12P 1/04 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **AN IMPROVED PROCESS FOR PRODUCING OUTER MEMBRANE VESICLES**
[54] **PROCEDE AMELIORE DE PRODUCTION DE VESICULES MEMBRANAIRES EXTERNES**
[72] GERRITZEN, MATTHIAS JOANNES HENDRIKUS, NL
[72] VAN DER POL, LEONARDUS ALDOLFUS, NL
[72] STORK, MICHIEL, NL
[71] DE STAAT DER NEDERLANDEN, VERT. DOOR DE MINISTER VAN VWS, MINISTERIE VAN VOLKSGEZONDHEID, WELZIJN EN SPORT, NL
[85] 2020-06-02
[86] 2018-12-04 (PCT/EP2018/083448)
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[30] EP (17205138.5) 2017-12-04

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[25] EN
[54] **NOVEL COMPOSITION**
[54] **NOUVELLE COMPOSITION**
[72] KHAN, SHAZADA YASSAR, GB
[71] GLAXOSMITHKLINE CONSUMER HEALTHCARE (UK) IP LIMITED, GB
[85] 2020-06-02
[86] 2018-12-12 (PCT/EP2018/084522)
[87] (WO2019/115601)
[30] GB (1721001.4) 2017-12-15

[21] **3,084,276**
[13] A1
[51] **Int.Cl. A61G 7/057 (2006.01) A61G 11/00 (2006.01)**
[25] EN
[54] **PRESSURIZATION OF A SUPPORT STRUCTURE FOR HANDLING OF A PERSON**
[54] **MISE SOUS PRESSION D'UNE STRUCTURE DE SUPPORT POUR LA MANIPULATION D'UNE PERSONNE**
[72] LORENTZEN, BJORN SEBASTIAN, NO
[72] SMITH, ANDREAS, NO
[71] TIDEWAVE R&D AS, NO
[85] 2020-06-02
[86] 2018-12-14 (PCT/EP2018/084913)
[87] (WO2019/115752)
[30] SE (1751553-7) 2017-12-14

[21] **3,084,278**
[13] A1
[51] **Int.Cl. C10L 1/02 (2006.01) C10G 3/00 (2006.01) C10L 1/04 (2006.01)**
[25] EN
[54] **DERIVATIZING OF THERMOCHEMICAL OIL**
[54] **DERIVATISATION D'HUILE THERMOCHIMIQUE**
[72] NILSSON, ANDERS, SE
[72] JANOSIK, TOMASZ, SE
[72] ANKNER, TOBIAS, SE
[71] PREEM AKTIEBOLAG, SE
[85] 2020-06-02
[86] 2018-12-05 (PCT/EP2018/083637)
[87] (WO2019/110656)
[30] EP (17205896.8) 2017-12-07

[21] **3,084,279**
[13] A1
[51] **Int.Cl. H04N 21/422 (2011.01) H04N 21/436 (2011.01) H04N 21/439 (2011.01) G10L 17/22 (2013.01) G06F 9/451 (2018.01) G06F 3/16 (2006.01) G10L 15/00 (2013.01) G10L 15/08 (2006.01) G10L 15/22 (2006.01)**
[25] EN
[54] **MEDIA PLAYBACK SYSTEM WITH VOICE ASSISTANCE**
[54] **SYSTEME DE LECTURE MULTIMEDIA A ASSISTANCE VOCALE**
[72] WILBERDING, DAYN, US
[72] TOLOMEI, JOHN, US
[71] SONOS, INC., US
[85] 2020-04-27
[86] 2018-09-28 (PCT/US2018/053472)
[87] (WO2019/067930)
[30] US (15/721,141) 2017-09-29

[21] **3,084,280**
[13] A1
[51] **Int.Cl. A61K 36/537 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **USE OF A VEGETAL EXTRACT AS AN ACTIVE AGENT IN TISSUE RE-EPITHELIZING AND CICATRIZING PROCESSES**
[54] **UTILISATION D'UN EXTRAIT VEGETAL EN TANT QU'AGENT ACTIF DANS DES PROCESSUS DE RE-EPITHELIALISATION ET DE CICATRISATION DE TISSUS**
[72] ALIMONTI, ANDREA, CH
[72] GIORI, ANDREA MARIA, CH
[72] MONTOPOLI, MONICA, CH
[72] CADAU, JESSICA, CH
[71] ALTERGON SA, CH
[85] 2020-06-02
[86] 2018-12-14 (PCT/EP2018/085067)
[87] (WO2019/121425)
[30] IT (102017000146620) 2017-12-19

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[13] A1
[51] **Int.Cl. A61K 39/29 (2006.01) A61P 31/20 (2006.01) C07K 14/02 (2006.01) C12N 15/51 (2006.01) C12N 15/861 (2006.01) C12N 15/863 (2006.01)**
[25] EN
[54] **HEPATITIS B IMMUNISATION REGIMEN AND COMPOSITIONS**
[54] **TRAITEMENT ET COMPOSITIONS POUR L'IMMUNISATION CONTRE L'HEPATITE B**
[72] AMMENDOLA, VIRGINIA, IT
[72] BAYAT, BABAK, BE
[72] LORIN, CLARISSE, BE
[72] VASSILEV, VENTZISLAV BOJIDAROV, BE
[72] VITELLI, ALESSANDRA, IT
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2020-06-02
[86] 2018-12-14 (PCT/EP2018/085085)
[87] (WO2019/115816)
[30] GB (1721068.3) 2017-12-15

[21] **3,084,282**
[13] A1
[51] **Int.Cl. G16H 40/63 (2018.01) G16H 30/20 (2018.01)**
[25] EN
[54] **ADJUSTABLE CLOCK FREQUENCY IN AN INJECTOR HEAD ASSEMBLY FOR AN MRI SYSTEM**
[54] **FREQUENCE D'HORLOGE AJUSTABLE DANS UN ENSEMBLE TETE D'INJECTEUR POUR UN SYSTEME IRM**
[72] ROLFE, STEVEN MARK GUY, CH
[72] KREMER, VOLKER, DE
[72] BUCHHOLTZ, ECKHARD, DE
[72] VAN DE BRUCK, MICHAEL, DE
[72] BRUCKMANN, GUNTER, DE
[71] BRACCO INJENEERING SA, CH
[85] 2020-05-11
[86] 2018-12-19 (PCT/EP2018/085994)
[87] (WO2019/122018)
[30] EP (17208916.1) 2017-12-20

[21] **3,084,283**
[13] A1
[51] **Int.Cl. A47J 31/52 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING MILK AND/OR MILK FOAM AND ASSOCIATED SYSTEM**
[54] **DISPOSITIF DE PRODUCTION DE LAIT ET/OU DE MOUSSE DE LAIT ET SYSTEME ASSOCIE**
[72] SAVIOZ, GREGORY, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-02
[86] 2018-12-05 (PCT/EP2018/083681)
[87] (WO2019/110678)
[30] EP (17206107.9) 2017-12-08

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/20 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **HEPATITIS B IMMUNISATION REGIMEN AND COMPOSITIONS**
[54] **REGIME ET COMPOSITIONS POUR L'IMMUNISATION CONTRE L'HEPATITE B**
[72] AMMENDOLA, VIRGINIA, IT
[72] BAYAT, BABAK, BE
[72] LORIN, CLARISSE, BE
[72] VASSILEV, VENTZISLAV BOJIDAROV, BE
[72] VITELLI, ALESSANDRA, IT
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2020-06-02
[86] 2018-12-14 (PCT/EP2018/085086)
[87] (WO2019/115817)
[30] GB (1721069.1) 2017-12-15

[21] **3,084,285**
[13] A1
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 19/22 (2006.01)**
[25] EN
[54] **OFFSHORE COILED TUBING SYSTEM**
[54] **SYSTEME DE TUBE SPIRALE EN MER**
[72] DAGESTAD, VIBJORN, DK
[71] WELLTEC A/S, DK
[85] 2020-06-02
[86] 2018-12-18 (PCT/EP2018/085400)
[87] (WO2019/121620)
[30] EP (17208706.6) 2017-12-19
[30] EP (18152553.6) 2018-01-19

[21] **3,084,286**
[13] A1
[51] **Int.Cl. C08F 4/64 (2006.01) C08F 4/65 (2006.01) C08L 83/06 (2006.01) C09D 183/06 (2006.01) C09J 183/06 (2006.01)**
[25] EN
[54] **PARAMAGNETIC TITANIUM MIXTURES AS VULCANIZATION CATALYSTS**
[54] **MELANGES DE TITANE PARAMAGNETIQUE UTILISES COMME CATALYSEURS DE VULCANISATION**
[72] GUTACKER, ANDREA, DE
[72] DAMKE, JAN-ERIK, DE
[72] KLEIN, JOHANN, DE
[72] MEJIA, ESTEBAN, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-06-02
[86] 2018-12-06 (PCT/EP2018/083743)
[87] (WO2019/115330)
[30] EP (17206701.9) 2017-12-12

[21] **3,084,287**
[13] A1
[51] **Int.Cl. A01K 61/13 (2017.01)**
[25] EN
[54] **SYSTEM FOR EXTERNAL FISH PARASITE MONITORING IN AQUACULTURE**
[54] **SYSTEME DE SURVEILLANCE DE PARASITES EXTERNES DE POISSONS EN AQUACULTURE**
[72] HOWE, RUSSEL, US
[72] LIZER, ZACHARY, US
[72] SARRETT, JAMES WALLACE, US
[72] ABRAHAMSON, PETER JON, US
[72] LITTLE, JASCHA TUCKER, US
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-06-02
[86] 2018-12-19 (PCT/EP2018/085730)
[87] (WO2019/121844)
[30] US (62/608246) 2017-12-20
[30] EP (18153724.2) 2018-01-26

[21] **3,084,290**
[13] A1
[51] **Int.Cl. B65D 47/08 (2006.01) B65D 51/00 (2006.01) B65D 51/24 (2006.01)**
[25] EN
[54] **STOPPER FOR BOTTLES**
[54] **BOUCHON POUR BOUTEILLES**
[72] BERROA GARCIA, JAVIER, ES
[71] BETAPACK, S.A.U., ES
[85] 2020-06-02
[86] 2017-12-07 (PCT/ES2017/070800)
[87] (WO2019/110853)

[21] **3,084,292**
[13] A1
[51] **Int.Cl. F28D 20/02 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR A LATENT-HEAT EXCHANGER CHAMBER**
[54] **DISPOSITION DE CHAMBRE ECHANGEUSE DE CHALEUR AMBIANTE**
[72] NOMEN CALVET, JUAN EUSEBIO, AD
[72] HANGANU, DAN ALEXANDRU, ES
[71] NOMEN CALVET, JUAN EUSEBIO, AD
[71] HANGANU, DAN ALEXANDRU, ES
[71] WGA WATER GLOBAL ACCESS, SL, AD
[85] 2020-06-02
[86] 2018-12-04 (PCT/ES2018/070781)
[87] (WO2019/110861)
[30] ES (U201731494) 2017-12-05

[21] **3,084,293**
[13] A1
[51] **Int.Cl. G02B 5/18 (2006.01) G02B 27/01 (2006.01) G02B 27/42 (2006.01)**
[25] EN
[54] **MULTILAYER WAVEGUIDE DISPLAY ELEMENT**
[54] **ELEMENT D'AFFICHAGE A GUIDE D'ONDES MULTICOUCHE**
[72] BLOMSTEDT, KASIMIR, FI
[71] DISPELIX OY, FI
[85] 2020-06-02
[86] 2018-12-20 (PCT/FI2018/050958)
[87] (WO2019/122528)
[30] FI (20176156) 2017-12-22

[21] **3,084,294**
[13] A1
[51] **Int.Cl. A01K 61/13 (2017.01)**
[25] EN
[54] **SYSTEM FOR EXTERNAL FISH PARASITE MONITORING IN AQUACULTURE**
[54] **SYSTEME DE SURVEILLANCE DES PARASITES EXTERNES DE POISSON EN AQUACULTURE**
[72] HOWE, RUSSEL, US
[72] LIZER, ZACHARY, US
[72] SARRETT, JAMES WALLACE, US
[72] ABRAHAMSON, PETER JON, US
[72] LITTLE, JASCHA TUCKER, US
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-06-02
[86] 2018-12-19 (PCT/EP2018/085740)
[87] (WO2019/121851)
[30] US (62/608411) 2017-12-20
[30] EP (18154085.7) 2018-01-30

[21] **3,084,295**
[13] A1
[51] **Int.Cl. G02B 5/18 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **WAVEGUIDE DISPLAY AND DISPLAY ELEMENT WITH NOVEL GRATING CONFIGURATION**
[54] **AFFICHEUR A GUIDE D'ONDES ET ELEMENT D'AFFICHAGE AYANT UNE NOUVELLE CONFIGURATION DE RESEAU**
[72] BLOMSTEDT, KASIMIR, FI
[71] DISPELIX OY, FI
[85] 2020-06-02
[86] 2018-12-20 (PCT/FI2018/050959)
[87] (WO2019/122529)
[30] FI (20176157) 2017-12-22

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[13] A1
[51] **Int.Cl. A61C 19/06 (2006.01) A46B 5/04 (2006.01) A46B 9/00 (2006.01) A61K 8/11 (2006.01) A61K 8/65 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**
[25] FR
[54] **DENTAL HYGIENE WIPES COMPRISING MICROCAPSULES**
[54] **LINGETTES D'HYGIENE DENTAIRE COMPRENANT DES MICROCAPSULES**
[72] BOCHENEK, STEPHANE, FR
[72] GOFFINET, PIERRE, FR
[71] BOCHENEK, STEPHANE, FR
[85] 2020-02-21
[86] (PCT/EP2018/069844)
[87] (WO2019/020535)
[30] EP (17182835.3) 2017-07-24

[21] **3,084,297**
[13] A1
[51] **Int.Cl. F28D 20/02 (2006.01)**
[25] EN
[54] **MECHANICAL VAPOUR COMPRESSION ARRANGEMENT HAVING A LOW COMPRESSION RATIO**
[54] **DISPOSITIF MVC A FAIBLE TAUX DE COMPRESSION**
[72] NOMEN CALVET, JUAN EUSEBIO, AD
[72] HANGANU, DAN ALEXANDRU, ES
[71] NOMEN CALVET, JUAN EUSEBIO, AD
[71] HANGANU, DAN ALEXANDRU, ES
[71] WGA WATER GLOBAL ACCESS, SL, AD
[85] 2020-06-02
[86] 2018-12-04 (PCT/ES2018/070782)
[87] (WO2019/110862)
[30] ES (U201731494) 2017-12-05
[30] ES (U201731521) 2017-12-13
[30] ES (PCT/ES2018/070781) 2018-12-04

[21] **3,084,299**
[13] A1
[25] EN
[54] **MODULATORS OF INDOLEAMINE 2,3-DIOXYGENASE**
[54] **MODULATEURS D'INDOLEAMINE 2,3-DIOXYGENASE**
[72] KAZMIERSKI, WIESLAW M., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2020-06-02
[86] 2018-12-05 (PCT/IB2018/059674)
[87] (WO2019/116171)
[30] US (62/597,060) 2017-12-11

[21] **3,084,300**
[13] A1
[51] **Int.Cl. A01K 61/13 (2017.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EXTERNAL FISH PARASITE MONITORING IN AQUACULTURE**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DES PARASITES EXTERNES DU POISSON EN AQUACULTURE**
[72] HOWE, RUSSEL, US
[72] LIZER, ZACHARY, US
[72] SARRETT, JAMES WALLACE, US
[72] ABRAHAMSON, PETER JON, US
[72] LITTLE, JASCHA TUCKER, US
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-06-02
[86] 2018-12-19 (PCT/EP2018/085743)
[87] (WO2019/121854)
[30] US (62/608253) 2017-12-20
[30] EP (18153818.2) 2018-01-29

[21] **3,084,301**
[13] A1
[51] **Int.Cl. A62C 3/06 (2006.01) A62C 35/02 (2006.01)**
[25] EN
[54] **INSTALLED FIRE EXTINGUISHING APPARATUS, ESPECIALLY FOR THE FIRE PROTECTION OF USE LOCATIONS COMPRISING ENDANGERED STRUCTURES SEPARATED FROM EACH OTHER BY SPACES**
[54] **APPAREIL D'EXTINCTION D'INCENDIE INSTALLE, EN PARTICULIER POUR LA PROTECTION CONTRE L'INCENDIE D'EMPLACEMENTS D'UTILISATION COMPRENANT DES STRUCTURES MENACEES SEPAREES LES UNES DES AUTRES PAR DES ESPACES**
[72] LOVAS, LASZLO, HU
[72] PELLER, ANDRAS TIBOR, BH
[71] SWISS FIRE PROTECTION RESEARCH & DEVELOPMENT AG, CH
[85] 2020-06-02
[86] 2017-12-04 (PCT/IB2017/057612)
[87] (WO2019/111032)

[21] **3,084,302**
[13] A1
[51] **Int.Cl. D03D 1/00 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **FABRIC**
[54] **ETOFFE**
[72] TUOMINEN, VESA, FI
[71] OY SDA FINLAND LTD, FI
[85] 2020-06-02
[86] 2018-12-07 (PCT/FI2018/050886)
[87] (WO2019/110875)
[30] FI (U20174282) 2017-12-08

[21] **3,084,303**
[13] A1
[51] **Int.Cl. F03B 13/20 (2006.01) F03B 15/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR GENERATING ELECTRICAL ENERGY FROM THE WAVE MOTION OF THE SEA**
[54] **SYSTEME DE PRODUCTION D'ENERGIE ELECTRIQUE A PARTIR DU MOUVEMENT DES VAGUES DE LA MER**
[72] MATTIAZZO, GIULIANA, IT
[72] VISSIO, GIACOMO, IT
[72] PASSIONE, BIAGIO, IT
[72] SIRIGU, SERGEJ ANTONELLO, IT
[72] POZZI, NICOLA, IT
[72] BRACCO, GIOVANNI, IT
[72] BRIZZOLARA, STEFANO, US
[72] GULISANO, ANDREA, IT
[71] POLITECNICO DI TORINO, IT
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] WAVE FOR ENERGY S.R.L., IT
[85] 2020-06-02
[86] 2017-12-06 (PCT/IB2017/057680)
[87] (WO2019/111040)

[21] **3,084,304**
[13] A1
[51] **Int.Cl. A01K 61/13 (2017.01)**
[25] EN
[54] **SYSTEM FOR EXTERNAL FISH PARASITE MONITORING IN AQUACULTURE**
[54] **SYSTEME DE SURVEILLANCE DES PARASITES EXTERNES DE POISSON EN AQUACULTURE**
[72] HOWE, RUSSEL, US
[72] LIZER, ZACHARY, US
[72] SARRETT, JAMES WALLACE, US
[72] ABRAHAMSON, PETER JON, US
[72] LITTLE, JASCHA TUCKER, US
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-06-02
[86] 2018-12-19 (PCT/EP2018/085800)
[87] (WO2019/121887)
[30] US (62/608,418) 2017-12-20
[30] EP (18154093.1) 2018-01-30

[21] **3,084,305**
[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **MULTI-CORE FIBER FOR A MULTI-SPOT LASER PROBE**
[54] **FIBRE A PLUSIEURS C□URS POUR UNE SONDE LASER A PLUSIEURS POINTS**
[72] DIAO, CHENGUANG, US
[72] FARLEY, MARK HARRISON, US
[72] MIRSEPASSI, ALIREZA, US
[72] COOK, CHRISTOPHER, US
[72] RYAN, TIMOTHY C., US
[71] ALCON INC., CH
[85] 2020-06-02
[86] 2018-12-12 (PCT/IB2018/059980)
[87] (WO2019/116286)
[30] US (62/597,550) 2017-12-12
[30] US (62/598,653) 2017-12-14
[30] US (62/622,299) 2018-01-26
[30] US (62/630,865) 2018-02-15

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[13] A1
[51] **Int.Cl. C23C 2/02 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01)**
[25] EN
[54] **A HOT-DIP COATED STEEL SUBSTRATE**
[54] **SUBSTRAT EN D'ACIER REVETU PAR IMMERSION A CHAUD**
[72] BORDIGNON, MICHEL, BE
[72] STAUDTE, JONAS, FR
[71] ARCELORMITTAL, LU
[85] 2020-06-02
[86] 2018-10-22 (PCT/IB2018/058185)
[87] (WO2019/123033)
[30] IB (PCT/IB2017/058107) 2017-12-19

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[13] A1
[51] **Int.Cl. A01N 37/18 (2006.01) A01N 43/20 (2006.01) A01N 43/40 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **METHODS OF CONTROLLING OR PREVENTING INFESTATION OF VEGETABLE, TOMATO AND POTATO PLANTS BY PHYTOPATHOGENIC MICROORGANISMS**
[54] **PROCEDES DE LUTTE OU DE PREVENTION DE L'INFESTATION DE PLANTES LEGUMIERES, TOMATES ET POMMES DE TERRE PAR DES MICROORGANISMES PHYTOPATHOGENES**
[72] IVACIC, DAMIR, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2020-06-02
[86] 2018-12-19 (PCT/EP2018/085986)
[87] (WO2019/122012)
[30] EP (17208993.0) 2017-12-20

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4196 (2006.01) A61P 9/00 (2006.01) A61P 13/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED TRIAZOLE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE TRIAZOLE SUBSTITUES ET UTILISATIONS ASSOCIEES**
[72] COLLIN-KROPELIN, MARIE-PIERRE, DE
[72] KOLKHOF, PETER, DE
[72] NEUBAUER, THOMAS, DE
[72] FURSTNER, CHANTAL, DE
[72] POOK, ELISABETH, DE
[72] WITTWER, MATTHIAS BEAT, CH
[72] LUSTIG, KLEMENS, DE
[72] TINEL, HANNA, DE
[72] LINDNER, NIELS, DE
[72] SCHIRMER, HEIKO, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2020-04-21
[86] 2018-10-17 (PCT/EP2018/078419)
[87] (WO2019/081307)
[30] EP (17197954.5) 2017-10-24

[21] **3,084,309**
[13] A1
[51] **Int.Cl. C22C 38/02 (2006.01) C09D 7/40 (2018.01) C09D 1/00 (2006.01) C09D 5/00 (2006.01) C21D 1/70 (2006.01) C22C 38/04 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) C22C 38/48 (2006.01) C22C 38/50 (2006.01) C22C 38/54 (2006.01) C22C 38/58 (2006.01) C08K 3/04 (2006.01)**
[25] EN
[54] **A COATED STEEL SUBSTRATE**
[54] **SUBSTRAT D'ACIER REVETU**
[72] LALIENA IRANZO, CARLOS, ES
[72] PEREZ RODRIGUEZ, MARCOS, ES
[71] ARCELORMITTAL, LU
[85] 2020-06-02
[86] 2018-12-11 (PCT/IB2018/059873)
[87] (WO2019/123105)
[30] IB (PCT/IB2017/058105) 2017-12-19

[21] **3,084,310**
[13] A1
[51] **Int.Cl. B01J 19/00 (2006.01) C07C 273/12 (2006.01) C07D 251/60 (2006.01)**
[25] EN
[54] **PLANT FOR THE SYNTHESIS OF MELAMINE WITH OFFGAS RECOVERY IN A TIED-IN UREA PLANT**
[54] **INSTALLATION POUR LA SYNTHESE DE MELAMINE AVEC RECUPERATION DE GAZ DE DEGAGEMENT DANS UNE INSTALLATION D'UREE ASSOCIEE**
[72] SCOTTO, ANDREA, CH
[72] FUMAGALLI, MATTEO, IT
[71] CASALE SA, CH
[85] 2020-06-02
[86] 2019-01-14 (PCT/EP2019/050746)
[87] (WO2019/145169)
[30] EP (18153653.3) 2018-01-26

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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **MULTIPLE-INPUT-COUPLED ILLUMINATED MULTI-SPOT LASER PROBE**
[54] **SONDE LASER MULTIPOINTS ECLAIREE COUPLEE A PLUSIEURS ENTREES**
[72] SMITH, RONALD T., US
[72] MIRSEPASSI, ALIREZA, US
[72] FARLEY, MARK HARRISON, US
[72] BACHER, GERALD DAVID, US
[71] ALCON INC., CH
[85] 2020-06-02
[86] 2018-12-12 (PCT/IB2018/059975)
[87] (WO2019/116281)
[30] US (62/597,550) 2017-12-12
[30] US (62/598,653) 2017-12-14
[30] US (62/622,299) 2018-01-26
[30] US (62/630,865) 2018-02-15

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[51] **Int.Cl. G06F 16/27 (2019.01) G06F 16/178 (2019.01)**
[25] EN
[54] **VIOLATION RESOLUTION IN CLIENT SYNCHRONIZATION**
[54] **RESOLUTION DE VIOLATION DANS UNE SYNCHRONISATION DE CLIENTS**
[72] GOLDBERG, ISAAC, US
[72] YING, ROBERT, US
[71] DROPBOX, INC., US
[85] 2020-06-02
[86] 2018-12-10 (PCT/US2018/064675)
[87] (WO2019/133230)
[30] US (62/611,473) 2017-12-28
[30] US (15/867,496) 2018-01-10

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[13] A1
[51] **Int.Cl. A23L 7/109 (2016.01) A61P 3/02 (2006.01) A61K 31/734 (2006.01)**
[25] EN
[54] **GOOD-TEXTURE HEALTHY BOILED NOODLE**
[54] **NOUILLES CUITES, DIETETIQUES ET DE BONNE TEXTURE**
[72] NISHIBORI, FUMIYA, JP
[72] SHIRAGAMI, KAZUYO, JP
[72] KOIKE, MARIKO, JP
[72] TOMOKANE, MIHO, JP
[72] SEKI, TAKAHIRO, JP
[72] OGIHARA, TAKUO, JP
[72] EZAKI MAKOTO, JP
[71] SHIMADAYA CORPORATION, JP
[85] 2020-06-02
[86] 2018-07-30 (PCT/JP2018/028437)
[87] (WO2019/130634)
[30] JP (2017-253530) 2017-12-28

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 5/18 (2006.01) G02B 6/00 (2006.01) G02B 21/20 (2006.01) G02B 27/42 (2006.01)**
[25] EN
[54] **MULTIPUPIL WAVEGUIDE DISPLAY ELEMENT AND DISPLAY DEVICE**
[54] **ELEMENT D'AFFICHAGE A GUIDE D'ONDES A PLUSIEURS PUPILLES, ET DISPOSITIF D'AFFICHAGE**
[72] BLOMSTEDT, KASIMIR, FI
[72] OLKKONEN, JUUSO, FI
[72] AIKIO, MIKA, FI
[71] DISPELIX OY, FI
[85] 2020-06-02
[86] 2018-12-14 (PCT/FI2018/050919)
[87] (WO2019/122513)
[30] FI (20176162) 2017-12-22

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[51] **Int.Cl. C40B 30/04 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 15/10 (2006.01) C40B 40/06 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **YEAST DISPLAY OF PROTEINS IN THE PERIPLASMIC SPACE**
[54] **PRESENTATION DE PROTEINES SUR LEVURE DANS L'ESPACE PERIPLASMIQUE**
[72] YU, RICHARD, US
[72] PESCE, CARLOS GUSTAVO, US
[72] BALTANAS, RODRIGO, US
[72] ROBISON, BRETT, US
[71] ABALONE BIO, INC., US
[85] 2020-06-02
[86] 2018-12-10 (PCT/US2018/064775)
[87] (WO2019/118362)
[30] US (62/597,388) 2017-12-11

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[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **STEEL ALLOY POWDER**
[54] **POUDRE D'ALLIAGE D'ACIER**
[72] TAKASHITA, TAKUYA, JP
[72] KOBAYASHI, AKIO, JP
[72] NAKAMURA, NAOMICHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2020-06-02
[86] 2018-11-30 (PCT/JP2018/044315)
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[30] JP (2017-233215) 2017-12-05

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[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) A61B 17/225 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GEL MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE GEL**
[72] O'BRIEN, MICHAEL, US
[72] RANJBARAN, MINA, US
[71] NEURAL ANALYTICS, INC., US
[85] 2020-06-02
[86] 2018-12-10 (PCT/US2018/064783)
[87] (WO2019/113593)
[30] US (62/596,714) 2017-12-08

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[13] A1
[51] **Int.Cl. A61K 31/715 (2006.01) A61K 9/08 (2006.01) A61K 31/198 (2006.01) A61K 33/14 (2006.01) A61M 1/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS, METHODS, KITS AND SYSTEMS FOR CANCER TREATMENT AND METABOLIC INTERVENTION THERAPY**
[54] **COMPOSITIONS, PROCEDES, KITS ET SYSTEMES POUR LE TRAITEMENT DU CANCER ET LA THERAPIE D'INTERVENTION METABOLIQUE**
[72] LI, XIYAN, US
[72] WANG, XIN, US
[72] YANG, XIAOLU, US
[71] FILTRICINE, INC., US
[85] 2020-06-02
[86] 2018-12-11 (PCT/US2018/065045)
[87] (WO2019/118519)
[30] US (62/597,392) 2017-12-11

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[13] A1
[51] **Int.Cl. C08B 11/12 (2006.01)**
[25] EN
[54] **CARBOXYMETHYLATED CELLULOSE**
[54] **CELLULOSE CARBOXYMETHYLE**
[72] INOUE, KAZUHIKO, JP
[72] NAKATANI, TAKESHI, JP
[72] TADA, YUSUKE, JP
[72] NISHIGAYA, KASUMI, JP
[72] SUZUKI, HIROYOSHI, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
[85] 2020-06-02
[86] 2018-12-05 (PCT/JP2018/044690)
[87] (WO2019/111934)
[30] JP (2017-235016) 2017-12-07
[30] JP (2018-052236) 2018-03-20
[30] JP (2018-052244) 2018-03-20
[30] JP (2018-052253) 2018-03-20
[30] JP (2018-076540) 2018-04-12
[30] JP (2018-094631) 2018-05-16
[30] JP (2018-135701) 2018-07-19

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[51] **Int.Cl. B41N 1/24 (2006.01) H05K 3/12 (2006.01)**
[25] EN
[54] **TEMPLATE THAT IMPROVES SOLDER-PASTE STENCILLING AND PRODUCTION METHOD THEREOF**
[54] **POCHOIR AMELIORANT LA DUPLICATION PAR STENCIL DE SOUDURE EN PATE, ET SON PROCEDE DE FABRICATION**
[72] VILLALVAZO, JIMMY, US
[72] CASTRO LEYVA, NESTOR LIBRADO, MX
[71] INTERLATIN S DE RL DE CV, MX
[85] 2020-06-02
[86] 2019-03-06 (PCT/MX2019/000024)
[87] (WO2019/172742)
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[13] A1
[51] **Int.Cl. C02F 11/14 (2019.01) C08F 265/10 (2006.01) C02F 1/56 (2006.01)**
[25] EN
[54] **METHOD FOR DEWATERING OF BIOLOGICAL SLUDGE**
[54] **PROCEDE DE DESHYDRATATION DE BOUES BIOLOGIQUES**
[72] LIKANDER, JOONAS, FI
[72] CARCELLER, ROSA, FI
[71] KEMIRA OYJ, FI
[85] 2020-06-02
[86] 2018-12-14 (PCT/FI2018/050923)
[87] (WO2019/115883)
[30] FI (20176124) 2017-12-15

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[13] A1
[51] **Int.Cl. B23B 49/00 (2006.01) B23B 45/00 (2006.01) B25F 5/00 (2006.01) B25H 7/00 (2006.01) B25B 21/00 (2006.01)**
[25] EN
[54] **HAND HELD POWER TOOL WITH LASER MEASURING SYSTEM AND INTERACTIVE DISPLAY**
[54] **OUTIL A MAIN ELECTRIQUE COMPORTANT UN SYSTEME DE MESURE LASER ET UN ECRAN INTERACTIF**
[72] MATEI, ANDREI, CA
[71] ROBBOX INC., CA
[85] 2020-06-02
[86] 2018-12-04 (PCT/IB2018/001522)
[87] (WO2019/111054)
[30] US (62/594,055) 2017-12-04

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[13] A1
[25] EN
[54] **METHODS BASED ON TEAR FILM BEHAVIOUR**
[54] **PROCEDES BASES SUR UN COMPORTEMENT DE FILM LACRYMAL**
[72] MILLAR, THOMAS JAMES, AU
[72] SCHUETT, BURKHARDT SIEGFRIED, AU
[71] BEYOND 700 PTY LTD, AU
[85] 2020-06-03
[86] 2017-12-08 (PCT/AU2017/000266)
[87] (WO2019/109122)

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[13] A1
[51] **Int.Cl. C07K 14/605 (2006.01)**
[25] EN
[54] **LONG-ACTING CONJUGATES OF GLP-2 DERIVATIVES**
[54] **CONJUGUE A ACTION PROLONGEE DU DERIVE DE PEPTIDE-2 APPARENTE AU GLUCAGON (GLP-2)**
[72] CHOI, JAEHYUK, KR
[72] KIM, MIN YOUNG, KR
[72] CHOI, IN YOUNG, KR
[72] JUNG, SUNG YOUB, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2020-03-27
[86] 2018-09-28 (PCT/KR2018/011586)
[87] (WO2019/066586)
[30] KR (10-2017-0126577) 2017-09-28

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[13] A1
[51] **Int.Cl. C23C 14/24 (2006.01) C23C 14/56 (2006.01)**
[25] EN
[54] **VACUUM DEPOSITION FACILITY AND METHOD FOR COATING A SUBSTRATE**
[54] **INSTALLATION DE DEPOT SOUS VIDE ET PROCEDE DE REVETEMENT D'UN SUBSTRAT**
[72] SILBERBERG, ERIC, BE
[72] SCHMITZ, BRUNO, BE
[72] PACE, SERGIO, BE
[72] BONNEMANN, REMY, BE
[72] MARNEFFE, DIDIER, BE
[71] ARCELORMITTAL, LU
[85] 2020-06-02
[86] 2018-12-11 (PCT/IB2018/059856)
[87] (WO2019/116214)
[30] IB (PCT/IB2017/057943) 2017-12-14

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[13] A1
[51] **Int.Cl. F17C 7/00 (2006.01) B65D 83/46 (2006.01)**
[25] EN
[54] **HIGH PRESSURE REDUCING TILT NOZZLE**
[54] **BUSE INCLINABLE DE REDUCTION DE PRESSION ELEVEE**
[72] SNYDER, MICAH MATTHEW, US
[72] MCKINLEY, JODY ALAN, US
[71] WORTHINGTON INDUSTRIES, INC., US
[85] 2020-03-27
[86] 2018-10-01 (PCT/US2018/053720)
[87] (WO2019/070566)
[30] US (62/566,643) 2017-10-02

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[13] A1
[51] **Int.Cl. C22F 1/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FORMING ALUMINUM ALLOY BLANK**
[54] **PROCEDE ET SYSTEME POUR FORMER UNE EBAUCHE D'ALLIAGE D'ALUMINIUM**
[72] KOROSCHETZ, CHRISTIAN, SE
[72] ANYASODOR, GERALD, SE
[71] AUTOMATION, PRESS AND TOOLING, AP & T AB, SE
[85] 2020-03-30
[86] 2018-10-03 (PCT/EP2018/076913)
[87] (WO2019/068767)
[30] EP (17194723.7) 2017-10-04

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[13] A1
[51] **Int.Cl. C23C 14/24 (2006.01) C23C 14/56 (2006.01)**
[25] EN
[54] **VACUUM DEPOSITION FACILITY AND METHOD FOR COATING A SUBSTRATE**
[54] **INSTALLATION DE DEPOT SOUS VIDE ET PROCEDE POUR LE REVETEMENT D'UN SUBSTRAT**
[72] SILBERBERG, ERIC, BE
[72] SCHMITZ, BRUNO, BE
[72] PACE, SERGIO, BE
[72] BONNEMANN, REMY, BE
[72] MARNEFFE, DIDIER, BE
[71] ARCELORMITTAL, LU
[85] 2020-06-02
[86] 2018-12-11 (PCT/IB2018/059858)
[87] (WO2019/116215)
[30] IB (PCT/IB2017/057946) 2017-12-14

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[13] A1
[51] **Int.Cl. A61L 27/36 (2006.01) A61L 27/50 (2006.01) C07K 14/78 (2006.01)**
[25] EN
[54] **SHEET-LIKE DECELLULARIZED MATERIAL AND ARTIFICIAL BLOOD VESSEL USING THE MATERIAL**
[54] **MATIERE DECELLULARISEE DE TYPE FEUILLE ET VAISSEAU SANGUIN ARTIFICIEL L'UTILISANT**
[72] YAMAGUCHI, YU, JP
[72] KIMURA, TAKUYA, JP
[71] ADEKA CORPORATION, JP
[85] 2020-04-07
[86] 2018-10-24 (PCT/JP2018/039426)
[87] (WO2019/087880)
[30] JP (2017-210576) 2017-10-31

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[13] A1
[51] **Int.Cl. C07D 317/26 (2006.01)**
[25] EN
[54] **PROCESS TO CONTINUOUSLY PREPARE A CYCLIC CARBONATE**
[54] **PROCEDE DE PREPARATION EN CONTINU UN CARBONATE CYCLIQUE**
[72] VERGUNST, FRANK, NL
[72] LAURENTIUS, SANDER, NL
[71] NEW GREEN WORLD B.V., NL
[85] 2020-06-02
[86] 2018-12-18 (PCT/NL2018/050854)
[87] (WO2019/125151)
[30] NL (2020163) 2017-12-22

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[13] A1
[51] **Int.Cl. F16M 11/04 (2006.01) F16M 13/00 (2006.01) G06F 1/16 (2006.01) H04M 1/04 (2006.01)**
[25] EN
[54] **JAW GRIP MOUNT FOR SMARTPHONES OR TABLETS WITH THEFT PROTECTION**
[54] **SUPPORT A MACHOIRES DE SERRAGE POUR DES TELEPHONES INTELLIGENTS OU DES TABLETTES INTEGRANT UNE PROTECTION ANTI-VOL**
[72] RICHTER, HARALD, DE
[72] DAMINGER, JOHANN, DE
[72] RUF, PAUL, DE
[72] OECHSLE, ROBIN, DE
[71] WANZL GMBH & CO. KGAA, DE
[85] 2020-03-30
[86] 2019-02-21 (PCT/EP2019/054325)
[87] (WO2019/162384)
[30] DE (20 2018 000 931.8) 2018-02-21

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) G06T 7/223 (2017.01) G06T 7/246 (2017.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ANALYSING TIME ORDERED IMAGE DATA**
[54] **PROCEDES ET SYSTEMES D'ANALYSE DE DONNEES D'IMAGE ORDONNEES DANS LE TEMPS**
[72] ZHOU, FELIX, GB
[72] LU, XIN, GB
[72] RUIS-PUIG, CARLOS, GB
[72] RITTSCHER, JENS, GB
[71] THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD, GB
[85] 2020-04-09
[86] 2018-10-12 (PCT/GB2018/052935)
[87] (WO2019/073252)
[30] GB (1716893.1) 2017-10-13

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[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **EARTH-BORING TOOLS HAVING A SELECTIVELY TAILORED GAUGE REGION FOR REDUCED BIT WALK AND METHOD OF DRILLING WITH SAME**
[54] **OUTILS DE FORAGE AYANT UNE REGION DE JAUGE ADAPTEE SELECTIVEMENT POUR DEPLACEMENT DE TREPAN REDUIT ET PROCEDE DE FORAGE AVEC CEUX-CI**
[72] SPENCER, REED W., US
[72] PIERCE, BRAD, US
[72] WALKOWIAK, ETHAN THOMAS, US
[72] MARTHA, BOBBY JAMES, US
[72] ARAMBULA-CANTU, HECTOR DAVID, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2020-03-30
[86] 2018-09-28 (PCT/US2018/053568)
[87] (WO2019/067998)
[30] US (62/565,375) 2017-09-29

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[13] A1
[51] **Int.Cl. A61K 38/09 (2006.01) A61K 9/00 (2006.01) A61K 47/34 (2017.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS HAVING A SELECTED RELEASE DURATION**
[54] **COMPOSITIONS PHARMACEUTIQUES AYANT UNE DUREE DE LIBERATION CHOISIE**
[72] LI, YUHUA, US
[72] GUARINO, ANDREW, US
[71] FORESEE PHARMACEUTICALS CO., LTD., TW
[85] 2020-06-02
[86] 2017-12-18 (PCT/US2017/066968)
[87] (WO2019/125358)

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[13] A1
[25] EN
[54] **LATEX POLYMER WITH IMPROVED WASHABILITY AND BLOCK RESISTANCE**
[54] **POLYMERE DE LATEX AYANT UNE CAPACITE DE LAVAGE ET UNE RESISTANCE AU BLOCAGE AMELIOREES**
[72] CHRISTENSEN, DANA, US
[72] BELL, TYLER, US
[72] SANDOVAL, ROBERT, US
[72] HIBBEN, MARY JANE, US
[72] WILDMAN, MICHAEL, US
[71] SWIMC LLC, US
[85] 2020-06-02
[86] 2018-12-10 (PCT/US2018/064784)
[87] (WO2019/113594)
[30] US (62/596,421) 2017-12-08

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[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **EARTH-BORING TOOLS HAVING A GAUGE REGION CONFIGURED FOR REDUCED BIT WALK AND METHOD OF DRILLING WITH SAME**
[54] **OUTILS DE FORAGE DE TERRE AYANT UNE REGION DE JAUGE CONFIGUREE POUR DEPLACEMENT DE TREPAN REDUIT ET PROCEDE DE FORAGE AVEC CEUX-CI**
[72] SPENCER, REED W., US
[72] PIERCE, BRAD, US
[72] HAYES, BRIAN JAMES, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2020-03-30
[86] 2018-09-28 (PCT/US2018/053571)
[87] (WO2019/068000)
[30] US (62/565,375) 2017-09-29

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[13] A1
[51] **Int.Cl. F01D 25/14 (2006.01)**
[25] FR
[54] **ELEMENT FOR DISTRIBUTING A COOLING FLUID AND ASSOCIATED TURBINE RING ASSEMBLY**
[54] **ELEMENT DE REPARTITION D'UN FLUIDE DE REFROIDISSEMENT ET ENSEMBLE D'ANNEAU DE TURBINE ASSOCIE**
[72] METGE, PIERRE JEAN-BAPTISTE, FR
[72] CONGRATEL, SEBASTIEN SERGE FRANCIS, FR
[72] QUENNEHEN, LUCIEN HENRI JACQUES, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2020-04-06
[86] 2018-10-16 (PCT/FR2018/052577)
[87] (WO2019/077265)
[30] FR (1759843) 2017-10-19

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **CUSTOMIZED INTEGRATED PRICING PACKAGES FOR FREIGHT SHIPMENT**
[54] **FORMULES DE TARIFICATION INTEGREES PERSONNALISEES POUR L'EXPEDITION DE MARCHANDISES**
[72] HEALY, LANCE, US
[71] BANYAN TECHNOLOGY, US
[85] 2020-06-02
[86] 2018-12-11 (PCT/US2018/064966)
[87] (WO2019/118471)
[30] US (62/597,157) 2017-12-11

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **MULTIBEAM ELEMENT-BASED HEAD-UP DISPLAY, SYSTEM, AND METHOD**
[54] **AFFICHAGE TETE HAUTE BASE SUR DES ELEMENTS A FAISCEAUX MULTIPLES, SYSTEME ET PROCEDE**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2020-06-02
[86] 2017-12-18 (PCT/US2017/067130)
[87] (WO2019/125393)

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[13] A1
[51] **Int.Cl. C09D 11/54 (2014.01) C09D 11/322 (2014.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C09C 3/10 (2006.01)**
[25] EN
[54] **INK SET**
[54] **ASSORTIMENT D'ENCRES**
[72] SATO, YOICHI, JP
[72] KONISHI, HIROYUKI, JP
[72] MORIYASU, KAZUKI, JP
[71] SAKATA INX CORPORATION, JP
[85] 2020-04-07
[86] 2018-10-15 (PCT/JP2018/038247)
[87] (WO2019/078136)
[30] JP (2017-199997) 2017-10-16

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[13] A1
[51] **Int.Cl. C12N 15/861 (2006.01) A61K 39/235 (2006.01)**
[25] EN
[54] **SIMIAN ADENOVIRAL VECTORS WITH TWO EXPRESSION CASSETTES**
[54] **VECTEURS ADENOVIRAUX SIMIENS COMPRENANT DEUX CASSETTES D'EXPRESSION**
[72] COLLOCA, STEFANO, IT
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2020-04-14
[86] 2018-10-16 (PCT/EP2018/078210)
[87] (WO2019/076880)
[30] US (62/572,944) 2017-10-16

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[13] A1
[51] **Int.Cl. B65G 43/02 (2006.01)**
[25] EN
[54] **CONVEYOR WEAR MEASUREMENT**
[54] **MESURE D'USURE DE TRANSPORTEUR**
[72] WRIGHT, KELVIN, AU
[71] BASELINE ASSET TECHNOLOGIES PTY LTD, AU
[85] 2020-06-03
[86] 2018-12-10 (PCT/AU2018/051318)
[87] (WO2019/113637)
[30] AU (2017904980) 2017-12-11

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[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C12C 11/11 (2019.01) C12G 3/08 (2006.01) C12H 3/04 (2019.01)**
[25] EN
[54] **LOSS REDUCTION IN BEVERAGE LOADING AND UNLOADING OF WATER REMOVAL SYSTEMS**
[54] **REDUCTION DE PERTE LORS DU CHARGEMENT ET DU DECHARGEMENT DE BOISSONS DANS LES SYSTEMES D'ELIMINATION D'EAU**
[72] MCGOVERN, RONAN, US
[72] CONNORS, GRACE, US
[72] WEINER, ADAM, US
[71] SANDYMOUNT TECHNOLOGIES CORPORATION, US
[85] 2020-06-02
[86] 2018-12-07 (PCT/US2018/064612)
[87] (WO2019/113544)
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[54] **COMPOSITIONS DE SOINS BUCCAUX**
[72] DUBOVOY, VIKTOR, US
[72] PAN, LONG, US
[72] SUBRAMANYAM, RAVI, US
[72] BRINZARI, TATIANA, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[30] US (62/607,360) 2017-12-19

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[54] **BENZIMIDAZOLE COMPOUNDS AS AGRICULTURAL CHEMICALS**
[54] **COMPOSES DE BENZIMIDAZOLE UTILISES EN TANT QUE PRODUITS CHIMIQUES AGRICOLES**
[72] URCH, CHRISTOPHER JOHN, GB
[72] BUTLIN, ROGER JOHN, GB
[72] CHRISTOU, STEPHANIA, GB
[72] BOOTH, REBECCA KATHRYN, GB
[71] REDAG CROP PROTECTION LTD, GB
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[54] **PROTECTIVE AND EXERCISE HAND RESTRAINT SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE RETENUE DE MAIN DE PROTECTION ET D'EXERCICE**
[72] PAVINI, MARIE, US
[71] PAVINI, MARIE, US
[85] 2020-06-02
[86] 2018-12-07 (PCT/US2018/064618)
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[54] **AQUEOUS POLYURETHANE MICROGEL DISPERSION**
[54] **DISPERSION AQUEUSE DE MICROGEL DE POLYURETHANE**
[72] ZHANG, HANWEI, US
[71] ENCAPSYS, LLC, US
[85] 2020-06-02
[86] 2019-04-03 (PCT/US2019/025488)
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[54] **METHODS AND COMPOSITIONS FOR TREATING PREMATURE AGING DISEASES**
[54] **METHODES ET COMPOSITIONS POUR TRAITER DES MALADIES LIEES AU VIELLISSEMENT PREMATURE**
[72] MARCOTULLI, ERIC, US
[72] ALMINANA, DAN, US
[72] DELLINGER, RYAN, US
[72] MORRIS, MARK, US
[71] ELYSIUM HEALTH, INC., US
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[54] **NOVEL FEEDER CELL AND METHOD FOR GROWING GAMMA DELTA T CELLS BY USING THE SAME**
[54] **NOUVELLE CELLULE NOURRICIERE ET PROCEDE DE CULTURE DE CELLULES GAMMA DELTA (T) L'UTILISANT**
[72] KIM, TAI GYU, KR
[72] SOHN, HYUN JUNG, KR
[72] CHO, HYUN WOO, KR
[72] KIM, SU YEON, KR
[71] THE CATHOLIC UNIVERSITY OF KOREA INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
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[54] **PROMOTEUR AMELIORE**
[72] COLLOCA, STEFANO, IT
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
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[51] **Int.Cl. A61K 31/496 (2006.01) A61K 47/10 (2017.01) A61K 47/26 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF FIBROSIS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA FIBROSE**
[72] ELHOFY, ADAM, US
[71] BAST BIOTECHNOLOGY, US
[85] 2020-04-06
[86] 2018-10-11 (PCT/US2018/055521)
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[25] EN
[54] **FACILITATING ENTITY RESOLUTION, KEYING, AND SEARCH MATCH WITHOUT TRANSMITTING PERSONALLY IDENTIFIABLE INFORMATION IN THE CLEAR**
[54] **FACILITATION DE LA RESOLUTION D'ENTITE, DE LA MODULATION ET DE LA CORRESPONDANCE DE RECHERCHE SANS TRANSMETTRE DES INFORMATIONS PERSONNELLEMENT IDENTIFIABLES EN CLAIR**
[72] JONES, GREGORY DEAN, US
[72] CYZIO, MAREK LUDOMIR, US
[72] WORRELL, AMY MICHELLE, US
[71] EQUIFAX INC., US
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[54] **CHANGING PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) RESOURCE**
[54] **CHANGEMENT DE RESSOURCE DE CANAL DE COMMANDE DE LIAISON MONTANTE PHYSIQUE (PUCCH)**
[72] BALDEMAIR, ROBERT, SE
[72] CHEN LARSSON, DANIEL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2020-04-09
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[51] **Int.Cl. A61F 2/24 (2006.01)**
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[54] **SUTURE GUARD FOR A PROSTHETIC VALVE**
[54] **PROTECTION DE SUTURE POUR UNE VALVE PROTHETIQUE**
[72] BENNETT, NATHAN L., US
[72] TITONE, RYAN S., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **METAL BORIDES AND USES THEREOF**
[54] **BORURES METALLIQUES ET LEURS UTILISATIONS**
[72] TURNER, CHRISTOPHER L., US
[72] KANER, RICHARD B., US
[72] AKOPOV, GEORGIY, US
[72] YEUNG, MICHAEL T., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **TRANSFORMATION OF DICOT PLANTS**
[54] **TRANSFORMATION DE PLANTES DICOTYLEDONES**
[72] CHO, HYEON-JE, US
[72] MINH,TAI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[51] **Int.Cl. B66B 19/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR COMMISSIONING A PASSENGER-TRANSPORTATION INSTALLATION TO BE MANUFACTURED, BY CREATION OF A DIGITAL REPLICA**
[54] **PROCEDE ET DISPOSITIF DE MISE EN SERVICE D'UN SYSTEME DE TRANSPORT DE PERSONNES A FABRIQUER, AU MOYEN DE LA CREATION D'UN DOUBLE NUMERIQUE**
[72] NOVACEK, THOMAS, AT
[71] INVENTIO AG, CH
[85] 2020-05-22
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[54] **AN AQUACULTURE PROCESS FOR THE PRODUCTION OF SALMON EGGS**
[54] **PROCEDE D'AQUACULTURE POUR LA PRODUCTION D'□UFS DE SAUMON**
[72] JONASSON, JONAS, IS
[72] GUNNLAUGSDOTTIR, BARA, IS
[72] HREIDARSSON, HREIDAR, IS
[72] HARDARSON, DAVID, IS
[71] STOFNFISKUR HF, IS
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[25] EN
[54] **COMBINATION THERAPY WITH ANTI-IL-8 ANTIBODIES AND ANTI-PD-1 ANTIBODIES FOR TREATING CANCER**
[54] **POLYTHERAPIE FAISANT INTERVENIR DES ANTICORPS ANTI-IL-8 ET DES ANTICORPS ANTI-PD-1 POUR LE TRAITEMENT DU CANCER**
[72] CARLETON, MICHAEL, US
[72] FELTQUATE, DAVID, US
[72] DE HENAU, OLIVIER, US
[72] REILLY, TIMOTHY PATRICK, US
[72] CHEN, TIAN, US
[72] FENG, YE, US
[72] HUANG, SHU-PANG BEN, US
[72] ZHOU, MING, US
[72] SURESH, RAMACHANDRAN, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-02
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[30] US (62/679,412) 2018-06-01

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[54] **BEVERAGE DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE BOISSON**
[72] KAROL, SAM, US
[72] BALSTAD, ROBERT W., US
[72] ROMANO, ANTHONY, US
[72] PRAVATO, ALBERTO, IT
[72] RONCATO, ALESSANDRO, IT
[71] PEPSICO, INC., US
[85] 2020-06-02
[86] 2018-12-18 (PCT/US2018/066135)
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[51] **Int.Cl. C22C 38/00 (2006.01) C09D 7/40 (2018.01) C08K 3/04 (2006.01) C09D 1/00 (2006.01) C09D 5/00 (2006.01) C21D 1/70 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/40 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) C22C 38/48 (2006.01) C22C 38/50 (2006.01)**
[25] EN
[54] **A COATED STEEL SUBSTRATE**
[54] **SUBSTRAT EN ACIER REVETU**
[72] VU, THI TAN, ES
[72] LALIENA IRANZO, CARLOS, ES
[72] PEREZ RODRIGUEZ, MARCOS, ES
[72] NORIEGA PEREZ, DAVID, ES
[71] ARCELORMITTAL, LU
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[87] (WO2019/123103)
[30] IB (PCT/IB2017/058103) 2017-12-19

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[51] **Int.Cl. F16L 37/088 (2006.01)**
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[54] **LOW PEAK INSERTION TUBE END FORM**
[54] **FORME D'EXTREMITE DE TUBE D'INSERTION A CRETE MODEREE**
[72] FREMONT, BRADLEY C., US
[71] OETIKER NY, INC., US
[85] 2020-04-14
[86] 2018-06-14 (PCT/US2018/037486)
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[51] **Int.Cl. G16H 20/17 (2018.01) G16H 40/63 (2018.01) A61J 1/05 (2006.01) A61J 1/22 (2006.01) A61M 5/168 (2006.01)**
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[54] **THERAPY MANAGEMENT SYSTEMS, METHODS, AND DEVICES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE GESTION DE THERAPIE**
[72] SJOLUND, JOHN, US
[72] SRINATH, AMBIKA, US
[72] BOCHENKO, ANDREW, US
[72] CROTHALL, GEORGE, US
[72] MAZLISH, BRYAN, US
[72] MATARESE, SARAH, US
[72] MACKOWIAK, LINDA, US
[72] BLOCK, JENNIFER MARTIN, US
[72] DESBOROUGH, LANE, US
[71] BIGFOOT BIOMEDICAL, INC., US
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[86] 2018-12-12 (PCT/US2018/065077)
[87] (WO2019/118537)
[30] US (62/597,809) 2017-12-12
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[25] EN
[54] **WAISTBAND SYSTEM FOR GARMENTS**
[54] **SYSTEME DE CEINTURE POUR VETEMENTS**
[72] VORLOP, ANDREW M., US
[72] O'CONNOR, COLIN C., US
[72] HERNANDEZ, DANIEL J., US
[71] VANS, INC., US
[85] 2020-06-02
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[54] **ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE**
[72] DELAISSE, GUY, FR
[72] DREVET, JEAN-BAPTISTE, FR
[72] GUILLEMIN, HAROLD, FR
[71] AMS R&D SAS, FR
[85] 2020-06-03
[86] 2018-12-05 (PCT/EP2018/083703)
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[54] **METHOD AND SYSTEM FOR OBTAINING WATER FROM AIR**
[54] **PROCEDE ET APPAREIL PERMETTANT D'OBTENIR DE L'EAU A PARTIR D'AIR**
[72] ROCKENFELLER, UWE, US
[72] KHALILI, KAVEH, US
[71] ROCKY RESEARCH, US
[85] 2020-06-02
[86] 2018-12-13 (PCT/US2018/065502)
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[54] **AIRCRAFT PYLON FAIRING**
[54] **CARENAGE DE PYLONE D'AERONEF**
[72] SADRI, REZA, CA
[72] DUSSAULT, KATHLEEN, CA
[72] BOILEAU, EDMOND, CA
[71] BOMBARDIER INC., CA
[85] 2020-04-16
[86] 2018-10-15 (PCT/CA2018/051293)
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[30] US (62/574,323) 2017-10-19

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIGEN BINDING MOLECULES THAT BIND LEPTIN RECEPTOR AND/OR GP130, AND METHODS OF USE THEREOF**
[54] **MOLECULES DE LIAISON A L'ANTIGENE BISPECIFIQUES SE LIANT AU RECEPTEUR DE LA LEPTINE ET/OU A GP130, ET LEURS PROCEDES D'UTILISATION**
[72] GROMADA, JESPER, US
[72] STEVIS, PANAYIOTIS, US
[72] ALTAREJOS, JUDITH, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2020-06-02
[86] 2018-12-17 (PCT/US2018/066075)
[87] (WO2019/126071)
[30] US (62/607,137) 2017-12-18
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[54] **AMMUNITION BOX AND AMMUNITION MAGAZINE INTENDED TO RECIEVE SUCH A BOX**
[54] **CAISSE A MUNITIONS ET MAGASIN A MUNITIONS DESTINE A RECEVOIR UNE TELLE CAISSE**
[72] CARRE, MAXIME, FR
[72] BAERT, STEVE, FR
[72] CONTE, ALEXIS, FR
[72] RAYMOND, REMI, FR
[71] NEXTER SYSTEMS, FR
[85] 2020-06-03
[86] 2018-11-25 (PCT/EP2018/082462)
[87] (WO2019/115210)
[30] FR (17/01301) 2017-12-13

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[51] **Int.Cl. C08K 5/00 (2006.01) C09D 161/06 (2006.01) C09D 161/14 (2006.01) C09D 183/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS COMPRISING A PHENOLIC NOVOLAK AND AN ORGANOSILANE**
[54] **COMPOSITIONS DE REVETEMENT COMPRENANT UNE NOVOLAQUE PHENOLIQUE ET UN ORGANOSILANE**
[72] MCVAY, ROBERT, US
[72] MOST, CHRISTOPHER L., US
[72] EWEN, SAMANTHA C., US
[72] MOLLEO, MAX A., US
[71] PPG INDUSTRIES OHIO, INC., US
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[25] EN
[54] **MIXTURES OF SABADILLA ALKALOIDS WITH LYSINIBACILLUS SPHAERICUS OR MIXTURES OF SABADILLA ALKALOIDS WITH BACILLUS THURINGIENSIS AND USES THEREOF**
[54] **MELANGES D'ALCALOIDES DE SEBADILLE AVEC LYSINIBACILLUS SPHAERICUS OU MELANGES D'ALCALOIDES DE SEBADILLE AVEC BACILLUS THURINGIENSIS ET LEURS UTILISATIONS**
[72] SURANYI, ROBERT A., US
[71] MCLAUGHLIN GORMLEY KING COMPANY, US
[85] 2020-06-02
[86] 2018-12-20 (PCT/US2018/066690)
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[51] **Int.Cl. A41H 3/00 (2006.01)**
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[54] **GARMENT PATTERN OPTIMIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DE MODELE DE VETEMENT**
[72] VANROOSE, WIM, BE
[72] LAFKIOUI, SAMIRA, BE
[71] POLYGONAL BVBA, BE
[85] 2020-06-03
[86] 2018-12-06 (PCT/EP2018/083855)
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[30] EP (17211145.2) 2017-12-29

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[51] **Int.Cl. B64C 3/58 (2006.01) B64C 23/06 (2006.01)**
[25] EN
[54] **FLOW FENCE FOR AN AIRCRAFT WINGLET**
[54] **BARRIERE D'ECOULEMENT POUR UNE AILETTE D'AERONEF**
[72] REWERTS, SCOTT, US
[72] KAWAMURA, YUICHI, US
[72] OU, KUI, US
[72] FUJINO, MICHIMASA, US
[72] MAHIKO, KAZUHISA, US
[71] AMERICAN HONDA MOTOR CO., INC., US
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[86] 2018-12-12 (PCT/US2018/065243)
[87] (WO2019/118623)
[30] US (62/597,560) 2017-12-12
[30] US (16/217,756) 2018-12-12

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[25] EN
[54] **A BIFUNCTIONAL FUSION PROTEIN TARGETING CD47 AND PD-L1**
[54] **PROTEINE DE FUSION BIFONCTIONNELLE CIBLANT CD47 ET PD-L1**
[72] GUO, YAJUN, CN
[71] TAIZHOU MABTECH PHARMACEUTICAL CO., LTD, CN
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[54] **ARTICLE MOULE PARE-BALLES**
[72] VAN ELBURG, JOHANN, NL
[72] CRAIG, MATTHEW, US
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[71] DSM IP ASSETS B.V., NL
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[54] **ANTICORPS ANTI-OX40 ET LEURS UTILISATIONS**
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[72] GUO, YANAN, CN
[72] CHEN, YUNYUN, CN
[72] XIE, JINGSHU, CN
[72] DONG, CHUNYAN, CN
[72] YANG, FANG, CN
[72] LU, CHENGYUAN, CN
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[54] **PROCEDE D'ACCES ALEATOIRE, DISPOSITIF RESEAU ET TERMINAL**
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[72] YAN, MAO, CN
[72] GAO, KUANDONG, CN
[72] SHAO, HUA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **MELANGE FONGICIDE COMPRENANT DES PYRIDINES SUBSTITUEES**
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[72] MUELLER, BERND, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] SEET, MICHAEL, DE
[72] BERNAT, WALDEMAR, DE
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[72] VERHOEVEN, JONAS, BE
[72] VERNIEST, GUIDO ALFONS F., BE
[72] THURING, JOHANNES WILHELMUS JOHN F., BE
[72] WU, TONGFEI, BE
[72] PANDE, VINEET, BE
[72] MEERPOEL, LIEVEN, BE
[72] BREHMER, DIRK, BE
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[54] **VACCINS LIQUIDES DE VIRUS ENVELOPPES VIVANTS**
[72] VERMEIJ, PAUL, NL
[72] KETS, EDWIN, NL
[72] DIRKS, CHRIS, NL
[72] PIEST, MARTIN, NL
[71] INTERVET INTERNATIONAL B.V., NL
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[54] **VECTEURS VIRAUX MODIFIES ET PROCEDES DE FABRICATION ET D'UTILISATION CORRESPONDANTS**
[72] DU PLESSIS, DAVID JOHANNES FRANCOIS, NL
[71] UNIQURE IP B.V., NL
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[54] **MELANGES D'ALCALOIDES DE SEBADILLE ET D'ESSENCE DE NEEM ET LEURS UTILISATIONS**
[72] SURANYI, ROBERT A., US
[71] MCLAUGHLIN GORMLEY KING COMPANY, US
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[54] **DRILLING APPARATUS AND METHOD FOR RELEASING DRILLING RODS STUCK IN SURROUNDING GROUND**
[54] **APPAREIL DE FORAGE ET PROCEDE DE DEGAGEMENT DE TIGES DE FORAGE COINCEES DANS LE SOL ENVIRONNANT**
[72] TOFFOLO, GILBERTO, NO
[71] ENI S.P.A., IT
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[72] HUMPHREY, TIMOTHY LEE, US
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[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **ANTICORPS ANTI-IL1-RAP**
[72] JIANG, YING PING, US
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[72] PRESTA, LEONARD G., US
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[54] **SURFACES POLYMERES IMPLANTABLES PRESENTANT DES REPONSES INFLAMMATOIRES N VIVO REDUITES**
[72] YAO, JIA, US
[72] PESANTEZ, DANIEL E., US
[72] BHATIA, ANURADHA BISWAS, US
[72] SRINIVASAN, AKHIL, US
[72] ZHANG, GUANGPING, US
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[54] **SOUPAPE A FLOTTEUR A HAUTE PRESSION**
[72] CRESS, PAMALA RANEE, US
[72] DIAZ, DIANNE NADINE, US
[72] GERIG, STEPHEN JAY, US
[72] MULLINS, BLAKE MORGAN, US
[72] SEYMOUR, STEPHEN MICHAEL, US
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[54] **SYSTEME DE GESTION D'EAU DE PLUIE A DERIVATION INTERNE**
[72] HOLTZ, JAMES FERGUSON, US
[72] DEMAREST, CHRISTOPHER RYAN, US
[71] OLDCASTLE INFRASTRUCTURE, INC., US
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[54] **LACTOBACILLUS RHAMNOSUS A PRODUCTION ACCRUE DE DIACETYLE**
[72] NIELSEN, STINA DISSING AUNSBJERG, DK
[72] GULDAGER, HELLE SKOV, DK
[72] NIELSEN, CECILIE LYKKE MARVIG, DK
[71] CHR. HANSEN A/S, DK
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[54] **SOLUTIONS DE DESACTIVATION DE REACTIF ET PROCEDES D'UTILISATION**
[72] REDMOND, PETER LLOYD, US
[72] MACFARLANE, THERESA ELIZABETH, US
[72] SON, CHANGOOK, US
[72] LI, LIANGLIANG, US
[72] OWENS, AMANDA, US
[72] JOHNSON, KEVIN MARK, US
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[54] **SEED TRENCH CLOSING SENSORS**
[54] **CAPTEURS DE FERMETURE DE SILLON DE SEMIS**
[72] KOCH, DALE, US
[72] STOLLER, JASON, US
[72] SWANSON, TODD, US
[72] STRNAD, MICHAEL, US
[72] MORGAN, MATTHEW, US
[72] RADTKE, IAN, US
[72] KATER, TIMOTHY, US
[72] HODEL, JERMEY, US
[71] PRECISION PLANTING LLC, US
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[54] **PROCEDES D'ADMINISTRATION D'IMMUNOTHERAPIE DE RECEPTEUR D'ANTIGENE CHIMERIQUE**
[72] WIEZOREK, JEFFREY S., US
[71] KITE PHARMA, INC., US
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[54] **CHILD-RESISTANT CLOSURE DEVICE FOR A CONTAINER HAVING A TAPERED NECK PORTION**
[54] **DISPOSITIF DE FERMETURE A L'EPREUVE DES ENFANTS POUR UN RECIPIENT AYANT UNE PARTIE COL RESSERREE**
[72] YOURIST, SHELDON, US
[72] HAGAN, BRIAN, US
[72] LEWIS, BEN, US
[72] SCHLIES, ANTHONY, US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **SPRAY APPARATUS WITH FLOW TUBE ASSEMBLY**
[54] **APPAREIL DE PULVERISATION AVEC ENSEMBLE TUBE D'ECOULEMENT**
[72] MACLEAN-BLEVINS, MARK T., US
[72] FAUPEL, ADAM CONRAD, US
[71] GREEN GARDEN PRODUCTS COMPANY, LLC, US
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[54] **TARGETED GENE INTEGRATION OF NK INHIBITORS GENES FOR IMPROVED IMMUNE CELLS THERAPY**
[54] **INTEGRATION GENIQUE CIBLEE DE GENES INHIBITEURS DE NK POUR UNE THERAPIE PAR CELLULES IMMUNITAIRES AMELIOREE**
[72] BUSSER, BRIAN, US
[72] DUCHATEAU, PHILIPPE, FR
[72] JUILLERAT, ALEXANDRE, US
[72] POIROT, LAURENT, FR
[72] VALTON, JULIEN, US
[71] CELLECTIS, FR
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[54] **FASTENER SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FIXATION**
[72] WILTGEN, RAYMOND THOMAS, US
[72] MAY, DAVID BRIAN, US
[71] SECURITY LOCKNUT, LLC, US
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[54] **AIR GAP DEVICE AND LIQUID DESINFECTING CARTRIDGE COMPRISING THE AIR GAP DEVICE FOR A MEDICAL INSTRUMENT CLEANING AND DESINFECTING APPARATUS**
[54] **DISPOSITIF D'ENTREFER ET CARTOUCHE DE DESINFECTION DE LIQUIDE COMPRENANT LE DISPOSITIF D'ENTREFER POUR UN APPAREIL DE NETTOYAGE ET DE DESINFECTION D'INSTRUMENT MEDICAL**
[72] KNORTH, HENNY HERMANUS HENDRIK, NL
[72] WASSENBURG, RONALD, NL
[71] WASSENBURG MEDICAL B.V., NL
[85] 2020-04-17
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[25] EN
[54] **SYSTEM AND METHODS DIRECTED TO SIDE-CHANNEL POWER RESISTANCE FOR ENCRYPTION ALGORITHMS USING DYNAMIC PARTIAL RECONFIGURATION**
[54] **SYSTEME ET PROCEDES DESTINES A UNE RESISTANCE DE PUISSANCE DE CANAL LATERAL POUR ALGORITHMES DE CHIFFREMENT UTILISANT UNE RECONFIGURATION PARTIELLE DYNAMIQUE**
[72] PLUSQUELLIC, JAMES, US
[71] STC.UNM, US
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[54] **TOILETTES A HAUTEUR REGLABLE**
[72] GOCHKO, IVAN, CA
[72] CHORNYY, VITALY, PT
[72] SMIRNOVA, VITALIA, CA
[72] STOEV, VANCHO, MK
[71] ENTIJS CANADA INC., CA
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[54] **AUTOMATED LUMBER CUTTING AND DELIVERY SYSTEM**
[54] **SYSTEME AUTOMATISE DE COUPE ET DE DISTRIBUTION DE BOIS DE CONSTRUCTION**
[72] JIN, KATHY, US
[72] KIM, DU, US
[72] CARROLL, VICKY, US
[72] VIELHABER, KARL, US
[72] BROWN, KYLE, US
[72] FRITZ JR., JEFFREY, US
[72] SHELTON, TRAVIS, US
[72] EFENEDO, EFEGBARE, US
[72] KANJEE, MANISH, US
[71] MITEK HOLDINGS, INC., US
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[54] **WHEEL RETENTION SYSTEM**
[54] **SYSTEME DE RETENUE DE ROUE**
[72] DUNNA, PAVAN KUMAR, US
[72] DESHMUKH, KAUSTUBH, US
[71] CONSOLIDATED METCO, INC., US
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[54] **AUTOINJECTOR WITH STALL AND END POINT DETECTION**
[54] **AUTO-INJECTEUR AVEC DETECTION DE DECROCHAGE ET DE POINT D'EXTREMITE**
[72] PARAMANANDAM, SIVAKUMAR, US
[72] ANTONINI, ANTONIO, IT
[72] COLES, ANDREW, US
[72] ALAGIA, NICOLA ANTONIO, IT
[71] AMGEN INC., US
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[25] EN
[54] **DATA MAPPING METHOD AND APPARATUS IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE MAPPAGE DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] YEO, JEONGHO, KR
[72] PARK, SUNGJIN, KR
[72] OH, JINYOUNG, KR
[72] LEE, HYOJIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **ITEM DEPOSITORY OPERATED RESPONSIVE TO DATA BEARING RECORDS**
[54] **RECEPTACLE DE DEPOT D'ARTICLES FONCTIONNANT EN REPONSE A DES ENREGISTREMENTS COMPORTANT DES DONNEES**
[72] ESTILL, JIM, CA
[71] DANBY PRODUCTS LIMITED, CA
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[30] US (62/622,193) 2018-01-26
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[54] **PRODUITS ALIMENTAIRES PAUVRES EN SODIUM**
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[72] HANS, JOACHIM, DE
[72] HAUSTEDT, LARS OLE, DE
[72] HOCHHEIMER, ANDREAS, DE
[72] KROHN, MICHEAL, DE
[72] MULLER, JENS-PETER, DE
[72] NOWAKOWSKI, CHRISTINE M., US
[72] PECORE, SUZANNE DENISE, US
[72] RATHJEN-NOWAK, CANDACE MICHELLE, US
[72] SCARABOTTOLO, LIA, IT
[72] SIEMS, KARSTEN, DE
[72] VAN LENGERICH, BERNHARD H., US
[71] GENERAL MILLS, INC., US
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[72] MONTI, KYLE, US
[72] MARSE, DARYL, US
[71] HAPTECH, INC., US
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[54] **FILTRAGE DE PREDICTION FONDE SUR LE MODE INTRA PREDICTION DU BLOC COURANT**
[72] LEE, JIN HO, KR
[72] KIM, HUI YONG, KR
[72] LIM, SUNG CHANG, KR
[72] CHOI, JIN SOO, KR
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[54] **METHODS FOR VAPOR SOLVENT FLOOD BITUMEN RECOVERY OPERATIONS FOLLOWING THERMAL RECOVERY PROCESSES**
[54] **METHODES VISANT LES OPERATIONS DE RECUPERATION DE BITUME INONDE DE SOLVANT VAPEUR APRES LES PROCEDES DE RECUPERATION THERMIQUE**
[72] WANG, JIANLIN, CA
[72] LIU, ZHIHONG, CA
[72] DADGOSTAR, NAFISEH, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[72] TSUTSUMI, KIMITAKA, JP
[72] KIKUIRI, KEI, JP
[72] YAMAGUCHI, ATSUSHI, JP
[71] NTT DOCOMO, INC, JP
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[54]
[72] TSIONSKY, MICHAEL, US
[72] GLEZER, ELI N., US
[72] ALTUNATA, SELEN, US
[72] SIGAL, GEORGE, US
[72] LELAND, JONATHAN K., US
[72] BILLADEAU, MARK A., US
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[54] **TRENCHED SAMPLE ASSEMBLY FOR DETECTION OF ANALYTES**
[54] **ENSEMBLE D'ECHANTILLONS A SILLONS POUR LA DETECTION D'ANALYTES**
[72] BODAY, DYLAN, US
[72] SCHWARTZ, STEPHEN LEONARD, US
[72] TOPOL, ANNA WANDA, US
[72] WATERS, SANDRA LYNN, US
[72] WINARSKI, DANIEL JAMES, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **TRENCHED SAMPLE ASSEMBLY FOR DETECTION OF ANALYTES**
[54] **ENSEMBLE D'ECHANTILLONS A SILLONS POUR LA DETECTION D'ANALYTES**
[72] BODAY, DYLAN, US
[72] SCHWARTZ, STEPHEN LEONARD, US
[72] TOPOL, ANNA WANDA, US
[72] WATERS, SANDRA LYNN, US
[72] WINARSKI, DANIEL JAMES, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **PROGRAMMATION EN LIAISON MONTANTE ET ATTRIBUTION DE RESSOURCES A INDICATION RAPIDE**
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[72] WOMACK, JAMES EARL, CA
[72] SUZUKI, TAKASHI, CA
[71] BLACKBERRY LIMITED, CA
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[72] BODEN, JOHN T., US
[72] ERICKSON, DWIGHT D., US
[72] CULLER, SCOTT R., US
[72] ADEFRIS, NEGUS B., US
[72] HAAS, JOHN D., US
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[72] KENNEDY, CHRISTOPHER R., US
[72] SUNDAR, VEERARAGHAVAN, US
[72] LICHKUS, ANDREW M., US
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[54] **SYSTEMS AND METHODS FOR IDENTIFYING GAZE TRACKING SCENE REFERENCE LOCATIONS**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION D'EMPLACEMENTS DE REFERENCE D'UNE SCENE DE SUIVI DU REGARD**
[72] AMAYEH, GHOLAMREZA, US
[72] LEBLANC, DAVID, US
[72] PUBLICOVER, NELSON G., US
[72] TORCH, WILLIAM C., US
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[54]
[72] CASADO, MARTIN, US
[72] INGRAM, PAUL S., US
[72] AMIDON, KEITH ERIC, US
[72] BALLAND, PETER J., III, US
[72] KOPONEN, TEEMU, US
[72] PFAFF, BENJAMIN LEVY, US
[72] PETTIT, JUSTIN, US
[72] GROSS, JESSE E., IV, US
[72] WENDLANDT, DANIEL J., US
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[54] **CARTRIDGE, PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**
[54] **CARTOUCHE, CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
[72] UNEME, TETSUSHI, JP
[72] SATO, MASAAKI, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2016-06-03
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[54] **CARTRIDGE, PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**
[54] **CARTOUCHE, CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
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[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[72] CHANDUSZKO, ANDRZEJ J., US
[71] C.R. BARD, INC., US
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[54] **METHODS AND APPARATUS FOR GENERATING ELECTROMAGNETIC TELEMETRY SIGNALS**
[54] **PROCEDES ET APPAREILS POUR GENERER DES SIGNAUX DE TELEMETRIE ELECTROMAGNETIQUES**
[72] LOGAN, AARON W., CA
[72] AHMOYE, DANIEL W., CA
[72] SWITZER, DAVID A., CA
[72] LOGAN, JUSTIN C., CA
[72] DERKACZ, PATRICK R., CA
[72] KAZEMI MIRAKI, MOJTABA, CA
[71] EVOLUTION ENGINEERING INC., CA
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[54] **LADDERS, LADDER COMPONENTS AND RELATED METHODS**
[54] **ECHELLES, COMPOSANTS D'ECHELLE ET PROCEDES CONNEXES**
[72] MOSS, N. RYAN, US
[72] CRAWFORD, RYAN, US
[72] EMMEL, KEITH, US
[71] WING ENTERPRISES, INC., US
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[54] **METHODE D`ACETYLATION DE CANNABIDIOL**
[72] CASSELMAN, IVAN JASON, CA
[72] PAL, KRUPAL DEVENDRA, CA
[72] KO, RYAN DELMORAL, CA
[72] HUGHES, BROCK ASTON, CA
[71] NEXTLEAF SOLUTIONS LTD, CA
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[54] **FLUID DELIVERY DEVICE NEEDLE RETRACTION MECHANISMS, CARTRIDGES AND EXPANDABLE HYDRAULIC FLUID SEALS**
[54] **MECANISMES DE RETRACTION D'AIGUILLE DE DISPOSITIF D'ADMINISTRATION DE FLUIDE, CARTOUCHES ET JOINTS FLUIDIQUES ETANCHES EXTENSIBLES**
[72] LEVESQUE, STEVEN F., US
[72] JENKINS, GEOFFREY H., US
[72] STANDLEY, ROBERT L., US
[72] JOHNSON, MATTHEW P., US
[72] DUBE, DANIEL A., US
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[54] **METHOD OF DETECTING THE OCCURRENCE OF ADPKD BASED ON PRESENCE OF NUCLEOTIDE SEQUENCE ALTERATION IN PKD1**
[54] **PROCEDE DE DETECTION DE L'APPARITION DE LA MALADIE POLYKYSTIQUE RENALE AUTOSOMALE DOMINANTE (MPRAD) EN FONCTION DE LA PRESENCE D'UNE MODIFICATION DE SEQUENCE NUCLEOTIDIQUE DANS LAPOLYKYSTOSE RENALE TYPE DOMINANT (PKD) 1**
[72] WATNICK, TERRY J., US
[72] GARCIA-GONZALEZ, MIGUEL, US
[72] GERMINO, GREGORY G., US
[72] JONES, JEFFREY G., US
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[54] **SYSTEM, METHOD, AND APPARATUS FOR ELECTRONIC PATIENT CARE**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR DES SOINS DE PATIENT ELECTRONIQUES**
[72] KAMEN, DEAN, US
[72] BIASI, JOHN J., US
[72] KERWIN, JOHN M., US
[72] PRIBYL, ERIC L., US
[72] BLUMBERG, DAVID, US
[72] GORAYEB, MARC J., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **SMALL MOLECULE INHIBITORS OF EGFR AND PI3K**
[54] **THE REGENTS OF THE UNIVERISTY OF MICHIGAN**
[72] WHITEHEAD, CHRISTOPHER EMIL, US
[72] LEOPOLD, JUDITH S., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **WIRELESS-ENABLED KIOSK FOR RECYCLING CONSUMER DEVICES**
[54]
[72] PLOETNER, JEFFREY, US
[72] BOWLES, MARK VINCENT, US
[72] BEANE, JOHN ANDREW, US
[72] LIBRIZZI, MICHAEL, US
[72] ERMAN, RANDAL, US
[72] SILVA, JOHN, US
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[54] **THERAPEUTIC APPROACHES FOR TREATING PARKINSON'S DISEASE**
[54] **APPROCHES THERAPEUTIQUES POUR TRAITER LA MALADIE DE PARKINSON**
[72] COHEN, DANIEL, FR
[72] NABIROCHKIN, SERGUEI, FR
[72] CHUMAKOV, ILYA, FR
[72] HAJJ, RODOLPHE, FR
[71] PHARNEXT, FR
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[54] **BODY PULSATING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE PULSATIONS CORPORELLES**
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[72] CROSS, PAUL, US
[71] ELECTROMED, INC., US
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[54] **CARTRIDGE, PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS**
[54] **CARTOUCHE, CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
[72] SATO, MASAAKI, JP
[72] UNEME, TETSUSHI, JP
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[54] **METHODS AND APPARATUS FOR MESSAGE PLAYBACK**
[54] **PROCEDES ET APPAREIL DE LECTURE DE MESSAGE**
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[72] GOLDMAN, YALE E., US
[71] MARTIGOLD ENTERPRISES, LLC, US
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[54] **ANTICORPS DIRIGES CONTRE LE RECEPTEUR DU FACTEUR I DE CROISSANCE ANALOGUE A L'INSULINE ET LEURS UTILISATIONS**
[72] HANSEN, SILKE, DE
[72] KUENKELE, KLAUS-PETER, DE
[72] REUSCH, DIETMAR, DE
[72] SCHUMACHER, RALF, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **SYSTEME DE CAPTURE ET D'ANALYSE INTEGRE DE DONNEES DE SANTE**
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[72] HOLMES, ELIZABETH A., US
[72] MICHELSON, SETH G., US
[72] YOUNG, DANIEL L., US
[71] THERANOS IP COMPANY, LLC, US
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[54] **PESTICIDAL PROTEINS AND METHODS FOR THEIR USE**
[54] **PROTEINES PESTICIDES ET PROCEDES D'UTILISATION ASSOCIES**
[72] SAMPSON, KIMBERLY S., US
[72] TOMSO, DANIEL J., US
[72] DUMITRU, RAZVAN VALERIU, US
[71] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
[22] 2010-02-26
[41] 2010-09-02
[62] 2,753,491
[30] US (61/156,301) 2009-02-27

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[51] **Int.Cl. H04R 3/02 (2006.01) H04R 5/02 (2006.01)**
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[41] 2013-01-10
[62] 3,025,104
[30] US (61/504005) 2011-07-01
[30] US (61/636102) 2012-04-20

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[25] EN
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[41] 2005-12-15
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[30] US (60/576,148) 2004-06-01
[30] US (60/576,162) 2004-06-01
[30] US (10/931,916) 2004-09-01
[30] US (60/622,291) 2004-10-26
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MAO, JUNHONG 3,084,054
MAR COR PURIFICATION, INC. 3,078,884
MARBET, REGINA 3,083,832
MARCOTULLI, ERIC 3,084,354
MARGOTT, MARKUS 3,083,800
MARINELLO, ANTHONY 3,084,169
MARINI, MICHELE 3,083,846
MARNEFFE, DIDIER 3,084,328
MARNEFFE, DIDIER 3,084,331
MARSHALL, JOHN G. 3,083,622
MARTHA, BOBBY JAMES 3,084,338
MARTIN, OCEANE 3,083,684
MARTIN, SHERRIE-ANN, P. 3,083,772
MARTUCCI, JAMES 3,084,143
MARTY, ALAIN 3,084,107
MARX, MARTIN ANNA FRANSISCUS JACOBUS 3,084,215
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,083,939
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,084,303
MATARESE, SARAH 3,084,378
MATEI, ANDREI 3,084,324
MATTIAZZO, GIULIANA 3,084,303
MATUR, TURAN 3,084,235
MATUSICK, JOSEPH MICHAEL 3,083,960
MATUSICK, JOSEPH MICHAEL 3,083,962
MATUSICK, JOSEPH MICHAEL 3,084,041
MAURIN, BENJAMIN 3,083,955
MAY, DAVID BRIAN 3,084,477
MAZLISH, BRYAN 3,084,378
MAZZOTTA, MICHAEL GABRIEL 3,084,142
MCADAM, JAMES 3,083,784
MCBRYAN, SARAH 3,083,793
MCCARTNEY, NEIL 3,083,686
MCCAULEY, THOMAS 3,084,061
MCCONNELL, BRUCE 3,081,496
MCENROE, DAVID JOHN 3,083,962
MCEVILLY, KEVIN 3,084,157
MCEWAN, PAUL 3,084,183
MCGOVERN, RONAN 3,084,348
MCKINLEY, JODY ALAN 3,084,329
MCLAUGHLIN GORMLEY KING COMPANY 3,084,266
MCLAUGHLIN GORMLEY KING COMPANY 3,084,267
MCLAUGHLIN GORMLEY KING COMPANY 3,084,268
MCLAUGHLIN GORMLEY KING COMPANY 3,084,388
MCLAUGHLIN GORMLEY KING COMPANY 3,084,455
MCMASTER, CHRISTOPHER R. 3,083,828
MCMILLAN, DAVID JAMES 3,084,106
MCOM MEDIA COMMUNICATIONS DMCC 3,083,923
MCQUISTON, BETH 3,084,064
MCVAY, ROBERT 3,084,387
MCVERRY, BRIAN T. 3,083,976
MECURIS GMBH 3,084,083
MEDAC GESELLSCHAFT FUR KLINISCHE SPEZIALPRAPARATE MBH 3,081,488
MEDAC GESELLSCHAFT FUR KLINISCHE SPEZIALPRAPARATE MBH 3,081,491
MEDDA, FEDERICO 3,083,983
MEDDA, FEDERICO 3,083,985
MEDICAGO INC. 3,083,857
MEDIZINISCHE HOCHSCHULE HANNOVER 3,084,111
MEDTRONIC MINIMED, INC. 3,084,460
MEERPOEL, LIEVEN 3,084,449
MEIERDIERKS, ERIC 3,083,573
MEIKE, ROGER 3,083,722
MEJIA, ESTEBAN 3,084,255
MEJIA, ESTEBAN 3,084,256
MEJIA, ESTEBAN 3,084,286
MELLEM, KEVIN T. 3,084,058
MELNYK, ROMAN A. 3,083,823
MEMORIAL SLOAN-KETTERING CANCER CENTER 3,084,186
MEN, YURI 3,083,740
MENASHRI, OMER 3,083,726
MENASHRI, OMER 3,083,887
MENG, SHENG 3,084,238
MENIN, RUDY 3,084,524
MENSONIDES-HARSEMA, MARGUERITE 3,081,488
MENSONIDES-HARSEMA, MARGUERITE 3,081,491
MERCK SHARP & DOHME CORP. 3,083,772

METALTRONICA S.P.A. 3,084,508
METGE, PIERRE JEAN-BAPTISTE 3,084,342
METRC LLC 3,084,167
METRIOPHARM AG 3,084,113
MEYERINK, ALEX 3,083,812
MEYERINK, LARRY 3,083,812
MIANZO, LAWRENCE A. 3,083,732
MICATU INC. 3,084,063
MICROCURES, INC. 3,084,037
MIETHIG, WERNER 3,083,667
MIETHING, WERNER 3,083,824
MILLAR, THOMAS JAMES 3,084,325
MILLER IV, THOMAS MARSHALL 3,084,169
MILLER, CHARLES J. 3,084,498
MILLER, J. CLAYTON 3,084,172
MILLER, SCOTT 3,083,867
MILLET INNOVATION 3,083,684
MILLET, DAMIEN 3,083,684
MILWAUKEE ELECTRIC TOOL CORPORATION 3,083,726
MILWAUKEE ELECTRIC TOOL CORPORATION 3,083,887
MINASSIAN, BERGE 3,083,823
MINATO, KOICHI 3,083,757
MINDSHARE TECHNOLOGIES INCORPORATED 3,083,809
MINH,TAI 3,084,365
MIR CEPEDA, MARTA 3,083,990
MIRSEPASSI, ALIREZA 3,084,305
MIRSEPASSI, ALIREZA 3,084,311
MISHIMA, HAJIME 3,083,728
MISSLING, CHRISTOPHER U. 3,083,770
MITEK HOLDINGS, INC. 3,084,484
MITSUBISHI CHEMICAL CORPORATION 3,084,010
MITSUBISHI CHEMICAL CORPORATION 3,084,012
MITSUNAGA, REO 3,083,930
MIWA, YASUNORI 3,084,014
MIYATA, KENJI 3,083,645
MIZUGUCHI, KATSUMI 3,084,014
MOEN, ROBERT C. 3,083,743
MOESSNER, EKKEHARD 3,084,105
MOHAMMAD, ALI SYED 3,084,148
MOHAN, ANUSH 3,084,057
MOID, HAFIZ ABDUL 3,084,148
MOLENDI, PAOLO 3,083,846
MOLLEO, MAX A. 3,084,387
MOLLER, LINUS 3,083,782
MONECKE, SEBASTIAN 3,083,975
MONSEES, JAMES 3,083,718
MONTOPOLI, MONICA 3,084,112
MONTOPOLI, MONICA 3,084,280
MOORE, MICHAEL JAMES 3,084,259
MOOSBRUGGER, DAVID 3,083,807
MORANDOTTI, ROBERTO 3,084,024
MOREIRA PATRICIO, MARIA INES 3,083,898
MORENO, ANDRE LUIZ 3,083,661
MORGAN, MATTHEW 3,084,468
MORI, TATSUYA 3,083,930
MORIN, YAO 3,083,723
MORIN, YAO 3,083,729
MORIYASU, KAZUKI 3,084,345
MORLEY, PHILIP WILLIAM 3,083,603
MORNEWEG, VOLKER 3,083,849
MORRIS, MARK 3,084,354
MORROW, DWIGHT 3,083,783
MORSCHHAUSER GEB. HERKERT, BARBARA 3,083,624
MOSIER, PATRICK E. 3,083,929
MOST, CHRISTOPHER L. 3,084,387
MOTOROLA SOLUTIONS, INC. 3,083,733
MOURLANE, FREDERIC 3,083,881
MOURLANE, FREDERIC 3,083,883
MOUVEX 3,084,497
MUDGAL, PRASHANT 3,084,067
MUEGGENBORG, BROCK STEPHEN 3,083,773
MUELLER, ANGELIKA 3,083,860
MUELLER, BERND 3,084,405
MUHLEMANN IP GMBH 3,083,836
MUHLEMANN, ROLF 3,083,836
MULDER, HARM JAN 3,084,144
MULLINS, BLAKE MORGAN 3,084,462
MULTRUS, MARKUS 3,083,891
MULYADI, WELLY 3,084,146
MUNERA, JAIME 3,084,167
MUNOZ, ALEJANDRO CASTILLEJO 3,083,764
MURAGUCHI, MASAHIRO 3,083,760
MURAKAMI, SHINYA 3,084,010
MURAKAMI, SHINYA 3,084,012
MURALI, RAKESH 3,083,714
MURATA, KAORI 3,083,760
MURR, RAMONA 3,084,114
MURRAY, JUSTIN K. 3,084,133
MUSIC, MUSTAFA 3,083,831
MUTSCHLER, CHRISTOPHER 3,084,206
NAGABHUSHANAM, KALYANAM 3,083,777
NAGL, VERONIKA 3,084,141
NAIR-GILL, EVAN 3,083,969
NAKAMURA, NAOMICHI 3,084,316
NAKAMURA, YOSHIHARU 3,084,134
NAKAMURA, YOSHIKAZU 3,083,760
NAKANO, TOKUSHIGE 3,083,864
NAKATANI, TAKESHI 3,084,320
NANDI, SUBHRANGSHU 3,084,171
NANJING LEGEND BIOTECH CO., LTD. 3,084,518
NATIONAL OILWELL VARCO, L.P. 3,083,966
NATUREWORKS LLC 3,083,573
NAVARRO, MARTIN ALSINA 3,083,661
NEC PLATFORMS, LTD. 3,084,093
NECHUSHTAN, OREN 3,083,913
NEDSCHROEF HERENTALS N.V. 3,084,234
NEGRELLO, QUENTIN 3,083,724
NELSON, RICHARD 3,083,829
NESTE OYJ 3,083,648
NEUBAUER, THOMAS 3,084,308
NEURAL ANALYTICS, INC. 3,084,318
NEURVANA MEDICAL, LLC 3,084,072
NEW GREEN WORLD B.V. 3,084,335
NEW GROWING SYSTEMS, S.L. 3,084,502
NEWTON, MICHAEL ABBOTT 3,084,171
NEXTER SYSTEMS 3,084,386
NEXTKIDNEY SA 3,083,869
NEXTKIDNEY SA 3,083,872
NG-THOW-HING, VICTOR 3,084,169
NGUYEN, VAN MINH 3,084,139
NI, JIAN 3,084,394
NICOLAES, JOERI 3,084,097
NICOVENTURES TRADING LIMITED 3,083,673
NICOVENTURES TRADING LIMITED 3,083,876
NIEDRINGHAUS, JOYCE C. 3,083,791
NIELSEN, CECILIE LYKKE MARVIG 3,084,465
NIELSEN, KIM GADE 3,084,236
NIELSEN, STINA DISSING AUNSBJERG 3,084,465
NIEMEYER, FREDERIK GEERT 3,083,747
NIGHTSTARX LIMITED 3,083,898
NIKUNEN, JOONA 3,084,519
NILSSON, ANDERS 3,084,278
NILSSON, LINNEA 3,083,713
NILSSON, SUSANNE 3,083,713
NIPPON PAINT AUTOMOTIVE COATINGS CO., LTD. 3,084,014
NIPPON PAPER INDUSTRIES CO., LTD. 3,084,320
NIPPON STEEL CORPORATION 3,084,128
NISHIBORI, FUMIYA 3,084,313
NISHIGAYA, KASUMI 3,084,320
NISHIO, MASASHI 3,083,728
NISSAN NORTH AMERICA, INC. 3,083,719
NIVENS, DAVID C. 3,083,979
NO CRUMBS GMBH 3,083,670
NOIVIRT-BRIK, ORLY 3,083,628
NOLLMANN, FRIEDERIKE I. 3,083,983
NOLLMANN, FRIEDERIKE I. 3,083,985
NOMEN CALVET, JUAN EUSEBIO 3,084,292
NOMEN CALVET, JUAN EUSEBIO 3,084,297
NONAKA, YOSUKE 3,083,760
NOONAN, KIMBERLY A. 3,084,179
NORIEGA PEREZ, DAVID 3,084,374
NORONHA, GLENN 3,083,743
NORTH, MICHAEL 3,084,142
NORTIO, JENNI 3,083,648
NOTAL VISION LTD. 3,083,825
NOVACEK, THOMAS 3,084,366
NOVELIS INC. 3,084,467
NOVOZYMES A/S 3,083,854
NOVOZYMES A/S 3,084,211
NOWOWIEJSKI, DAVID 3,083,966
NOZAKI, TAKENORI 3,084,010
NOZAKI, TAKENORI 3,084,012
NR ELECTRIC CO., LTD 3,083,838
NR ENGINEERING CO., LTD 3,083,838
NTT DOCOMO, INC. 3,084,126

O'BRIEN, MICHAEL 3,084,318
O'CONNOR, COLIN C. 3,084,380
O'MALLEY, CONNOR THOMAS 3,083,960
O'MALLEY, CONNOR THOMAS 3,083,962
O'ROURKE, BRIAN 3,084,037
OBERKOFLER, DAVID 3,083,765
OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTJU "IVA FARM" 3,083,937
OCADO INNOVATION LIMITED 3,083,630
OCTAVIA, WINNIE 3,083,829
ODENDAHL, SUSANNE 3,083,670
OECHSLE, ROBIN 3,084,336
OETIKER NY, INC. 3,084,376
OGIHARA, TAKUO 3,084,313
OH, JINYOUNG 3,084,487
OH, YEONOCK 3,083,892
OIKOS CONCEPT INC. 3,084,164
OKADA, TAKUMA 3,084,014
OKONIEWSKI, MICHAL 3,083,827
OKU, YOUSUKE 3,084,128
OLBRECHTS, BENOIT 3,084,239
OLDCASTLE INFRASTRUCTURE, INC. 3,084,464
OLDS, JABIN DEAN 3,083,749
OLENIK, BRITTA 3,083,986
OLESCH, MARTIN 3,084,124
OLKKONEN, JUUSO 3,083,871
OLKKONEN, JUUSO 3,083,994
OLKKONEN, JUUSO 3,084,314
OLLMANN, MICHAEL 3,084,133
OMYA INTERNATIONAL AG 3,083,862
ONCOBIX CO., LTD. 3,083,933
ONEMARKET NETWORK LLC 3,083,775
ONEMARKET NETWORK LLC 3,083,958
ONERA TECHNOLOGIES B.V. 3,084,117
ONO, YUSUKE 3,083,877
ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR) 3,084,092
OPITZ, MANUEL 3,084,083
OPPERMANN, ANTON 3,083,831
ORAZI, ROSALBA 3,084,077
ORGANICARE, LLC 3,083,544
ORION CORPORATION 3,083,734
ORTALDA, MARCO 3,081,483
OSAKA SEALING PRINTING CO., LTD. 3,084,008
OSAKA UNIVERSITY 3,084,013
OSHETSKI, MICHAEL 3,084,063
OTERO, VANESSA L. 3,083,972
OTIPOBY, KEVIN LEWIS 3,083,941
OTT, EMMANUELLE 3,083,774
OTT, EMMANUELLE 3,083,776
OTTO, STEPHAN 3,084,206
OU, KUI 3,084,390
OUT, GERARDUS JACOBUS JOSEPH 3,084,215
OVERBEEK, GERARDUS CORNELIS 3,083,814
OWENS, AMANDA 3,084,467
OXFORD UNIVERSITY INNOVATION LIMITED 3,083,898
OY SDA FINLAND LTD 3,084,302
PACE, SERGIO 3,084,328
PACE, SERGIO 3,084,331
PACH, JOHN DAVID 3,083,847
PACI, GIULIO 3,083,762
PACKOWITZ, DAVID 3,083,844
PAJACKOWSKI, PIOTR ANTONI 3,083,693
PALLISTER, DAVID M. 3,084,517
PAN, LONG 3,084,054
PAN, LONG 3,084,349
PANDE, ANURAG 3,083,777
PANDE, VINEET 3,083,624
PANDE, VINEET 3,084,449
PANDION THERAPEUTICS, INC. 3,083,941
PANG, GUOFENG 3,083,796
PANIDES, ELIAS 3,083,962
PANIDES, ELIAS 3,084,041
PANKONIEN, GARY W. 3,084,153
PAPA, FRANCO 3,083,544
PARAMANANDAM, SIVAKUMAR 3,084,486
PARIZER, URI 3,083,726
PARK, CHANG HEE 3,084,073
PARK, SAE HUME 3,083,593
PARK, SUNGJIN 3,084,487
PARKER, SEAN 3,084,262
PASALIC, DAMIR 3,083,827
PASCAL, AMIT 3,083,825
PASSIONE, BIAGIO 3,084,303
PATRICK, AARON NATHANIEL 3,083,624
PAVINI, MARIE 3,084,265
PAVINI, MARIE 3,084,351
PAZMINO, LORENA 3,084,169
PEACOCK, THOMAS E. 3,083,773
PEIDONG, LIU 3,067,014
PEIXOTO, CHRISTOPHE 3,084,090
PELED, TAL 3,083,913
PELLER, ANDRAS TIBOR 3,084,301
PENG, SHENG 3,083,919
PENTLAND, IAN R. 3,083,722
PEPSICO, INC. 3,084,373
PERALTA, ANDRES F. 3,084,062
PERETTA, GIOVANNI B. 3,084,508
PEREZ GALAN, PATRICIA 3,083,983
PEREZ GALAN, PATRICIA 3,083,985
PEREZ RODRIGUEZ, MARCOS 3,084,309
PEREZ RODRIGUEZ, MARCOS 3,084,374
PEREZ-PRAT DE VINUESA, EVA MARIA 3,084,144
PERIANA, ROY A. 3,083,593
PEROTTA, LARISSA 3,083,858
PERREAU, CAROLINE 3,084,269
PERRIER, ALEXANDRE 3,083,832
PERSONAL GENOME DIAGNOSITICS INC. 3,083,787
PERSONAL GENOME DIAGNOSTICS INC. 3,083,792
PES, LARA 3,083,983
PES, LARA 3,083,985
PESANTEZ, DANIEL E. 3,084,460
PESCE, CARLOS GUSTAVO 3,084,315
PETERS, CHRIS 3,083,723
PETROV, VIACHESLAV A. 3,083,919
PETROVIC, DEJAN 3,083,860
PFIZENMAIER, KLAUS 3,081,493
PHILLIPS, JEREMY 3,083,673
PIERCE, BRAD 3,084,338
PIERCE, BRAD 3,084,341
PIEST, MARTIN 3,084,450
PINA, CHRISTOPHER 3,083,597
PIONEER HI-BRED INTERNATIONAL, INC. 3,084,365
PIOTROWSKI, DAWID 3,083,813
PIRQUET, OLIVER JOHANN 3,083,817
PITT, KATHY 3,084,039
PITZEN, JENNIFER 3,084,058
PIXLEY, HEIDI JOANNE 3,083,772
PLAICE, SEAN 3,083,942
PLAICE, SEAN TRACEY 3,083,943
PLESSALA, DENEEN T. 3,084,085
PLUSAI CORP 3,083,754
PLUSQUELLIC, JAMES 3,084,480
POIRIER, ANTOINE 3,084,108
POIROT, LAURENT 3,084,476
POLASKO, ALEXANDRA L. 3,083,976
POLITECNICO DI TORINO 3,084,303
POLITOPOULOS, PETER 3,083,923
POLLEUNIS, MARC GUY 3,083,980
POLYGONAL BVBA 3,084,389
PONCELET, VIRGINIE SOPHIE 3,083,624
PONDA, MANISH P. 3,083,938
POOK, ELISABETH 3,084,308
POOLE, JOHN EDWARD 3,083,569
POSTMATES INC. 3,083,942
POSTMATES INC. 3,083,943
POWELL, RICHARD 3,083,569
POZZI, NICOLA 3,084,303
PPC BROADBAND FIBER LTD. 3,084,501
PPG INDUSTRIES OHIO, INC. 3,084,387
PRADHAN, ATUL 3,084,063
PRAGADA, RAVIKUMAR V. 3,083,915
PRAVATO, ALBERTO 3,084,373
PRECISION PLANTING LLC 3,084,468
PREEM AKTIEBOLAG 3,084,278
PRESTA, LEONARD G. 3,084,459
PREVIN, VICTOR 3,084,088
PRICELIUS, SINA 3,084,144
PRISSOK, FRANK 3,083,860
PROOST, BENNY 3,083,964
PROVECTUS PHARMATECH, INC. 3,083,789
PROVENZANO, DAN RAYMOND 3,083,731
PRUNERI, VALERIO 3,083,870
PRYSMIAN S.P.A. 3,084,077
PU, MINGMING 3,084,079
PUCKACE, JAMES S. 3,083,929
PURAC BIOCHEM B.V. 3,083,749
PURDUE RESEARCH FOUNDATION 3,084,142
PUTNAM, AMELIA 3,084,142

QILU PHARMACEUTICAL CO., LTD. 3,084,099
QIN, BO 3,083,830
QIN, LUOHENG 3,084,528
QIU, HONGLIN 3,083,815
QIU, HONGLIN 3,083,819
QIU, HONGLIN 3,084,076
QIU, HONGLIN 3,084,080
QIU, HONGLIN 3,084,081
QIU, HONGLIN 3,084,084
QIU, HONGLIN 3,084,086
QU, BINGYU 3,083,561
QU, HONGCHANG 3,084,004
QU, HONGCHANG 3,084,005
QU, HUIMING 3,028,213
QUALCOMM INCORPORATED 3,084,154
QUATTROCCHI, MARA 3,083,762
QUEIROZ, DANIEL 3,083,947
QUENNEHEN, LUCIEN HENRI JACQUES 3,084,342
QUENNEVILLE, PIERRE JOSEPH HENRI 3,084,000
QUEROLLE, OLIVIER ALEXIS GEORGES 3,083,624
RA PHARMACEUTICALS, INC. 3,084,043
RABE, KARINA 3,084,215
RADIO FLYER INC. 3,083,844
RADTKE, IAN 3,084,468
RAFAELI, OMER 3,083,825
RAHMAN, MUHAMMAD TAWHIDUR 3,084,151
RAJAN, BHARATHI 3,084,272
RAJESH, RENGASAMY 3,083,933
RAJULE, RAJKUMAR 3,083,952
RALPH, RYAN 3,084,148
RAMAMOORTHI, KARTIK 3,083,765
RAMASUBRAMONIAN, ADARSH KRISHNAN 3,084,154
RAMSBORG, CHRISTOPHER GLEN 3,084,514
RANIK, MARTIN 3,084,183
RANJBARAN, MINA 3,084,318
RAO, ETHAN 3,083,976
RAO, VASUDEVA PRAHLADA 3,084,211
RAO, VINAY 3,083,715
RAUSELL, IGNACIO VINAS 3,084,499
RAVEN, JEANETTE B. 3,084,194
RAYMOND, REMI 3,084,386
RAYTHEON CANADA LIMITED 3,083,549
RAZA, SYED 3,084,094
REAL ESTATE EQUITY EXCHANGE INC. 3,084,187
REDAG CROP PROTECTION LTD 3,084,350
REDMOND, PETER LLOYD 3,084,467
REGENERON PHARMACEUTICALS, INC. 3,084,059
REGENERON PHARMACEUTICALS, INC. 3,084,069
REGENERON PHARMACEUTICALS, INC. 3,084,155
REGENERON PHARMACEUTICALS, INC. 3,084,181
REGENERON PHARMACEUTICALS, INC. 3,084,385
REILLY, TIMOTHY PATRICK 3,084,370
REIMER, CHRISTIAN 3,084,024
RENARD, PATRICK 3,084,260
RENNER, ROSS 3,084,110
RENNSTEIG WERKZEUGE GMBH 3,081,655
REVANCE THERAPEUTICS, INC. 3,084,175
REVOLUTION MEDICINES, INC. 3,084,058
REWERTS, SCOTT 3,084,390
RHO, JIN KYUNG 3,083,933
RIBOMIC INC. 3,083,760
RICARDO, ALONSO 3,084,043
RICHTER, HARALD 3,084,336
RIEDIGER, NADINE 3,084,405
RIETH, CLEMENS 3,084,083
RIETMAN, EDWARD A. 3,083,820
RITTSCHER, JENS 3,084,337
RIVALTA, ELEONORA 3,083,846
ROBBOX INC. 3,084,324
ROBERTSON, BRIAN 3,084,254
ROBERTSON, BRIAN 3,084,257
ROBINSON, GREGORY S. 3,083,898
ROBISON, BRETT 3,084,315
ROBISON, ZACKERY 3,084,089
ROCHE INNOVATION CENTER COPENHAGEN A/S 3,084,170
ROCKENFELLER, UWE 3,084,383
ROCKY RESEARCH 3,084,383
ROE, MICHAEL BRYAN 3,083,856
ROGERS, JAMES 3,084,393
ROGERS, ZACHARY L 3,084,523
ROLFE, STEVEN MARK GUY 3,084,282
ROLLAND, LOIC PIERRE 3,083,795
ROMANO, ANTHONY 3,084,373
ROMERO CORTES, LUIS 3,084,024
RONCATO, ALESSANDRO 3,084,373
ROQUETTE FRERES 3,084,269
ROSEMEIER, MALO 3,081,471
ROSENBERG, STEVEN A. 3,084,246
ROSENTHAL, GUY L. 3,084,498
ROSKA, BOTOND 3,083,682
ROSS, PAUL 3,083,711
ROSSI, JOSE E. 3,083,717
ROTHCHILD, IVAN 3,083,902
ROUOLT-DUBONNET, OLIVIER 3,084,270
ROUP, AUSTIN M. 3,083,714
ROUSSET, ROMAIN 3,083,848
ROWTAN TECHNOLOGIES LLC 3,083,902
ROZTOCKI, PIOTR 3,084,024
RPL HOLDINGS LIMITED 3,083,569
RUBENBAUER, PHILIPP 3,083,986
RUBINSTEIN, JADEN JIGME 3,084,148
RUBIO, ROMAN 3,084,175
RUD. STARCKE GMBH & CO. KG 3,084,115
RUELLO, KENNETH, III 3,084,248
RUF, PAUL 3,084,336
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