Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 149 No. 1 January 5, 2021

Vol. 149 No. 1 le 5 janvier 2021

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES 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:

3,004,703

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 :

3,004,703

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 June 3, 2020

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1961***
For each additional sheet over 30	**$22**
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 3 juin 2020

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1961 $***
Pour chaque feuille au delà de 30	**22 $**
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*)) **$295**

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

* International fees will be reduced by:

- **$295** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$442** 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*)) **295 $**

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

* Les frais seront réduits de:

- **295 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **442 $** 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. 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.

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

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

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

In case of unforeseen circumstances, CIPO will attempt to 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

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 January 5, 2021 contains applications open to public inspection from December 20, 2020 to December 26, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 5 janvier 2021 contient les demandes disponibles au public pour consultation pour la période du 20 décembre 2020 au 26 décembre 2020.

Canadian Patents Issued

January 5, 2021

Brevets canadiens délivrés

5 janvier 2021

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[72] SAWCZUK, MARK, US
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[54] **SPECIFIC ACTIVATION OF A REGULATORY T CELL AND ITS USE FOR TREATMENT OF ASTHMA, ALLERGIC DISEASE, AUTOIMMUNE DISEASE, GRAFT REJECTION AND FOR TOLERANCE INDUCTION**
[54] **ACTIVATION SPECIFIQUE D'UN LYMPHOCYTE T REGULATEUR ET SON UTILISATION POUR LE TRAITEMENT DE L'ASTHME, D'UNE MALADIE ALLERGIQUE, D'UNE MALADIE AUTO-IMMUNE, D'UN REJET DE GREFFE ET POUR UNE INDUCTION DE TOLERANCE**
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[72] BECKER, CHRISTIAN, DE
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[72] GHOLMIEH, AZIZ, US
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[54] **METHODS AND COMPOSITIONS FOR INHIBITING CD32B EXPRESSING CELLS**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT L'INHIBITION DE CELLULES D'EXPRESSION DU CD32B**
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[54] **SYSTEME D'ANALYSE DE COMPOSANT DE FLUIDE ET PROCEDE POUR CONTROLER ET REGULER LE GLUCOSE**
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[54] **SYSTEMES ET METHODES DE PRODUCTION DE SOUS-ENSEMBLES DE DOCUMENTS ELECTRONIQUES DE SOINS DE SANTE**
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[54] **SCANNING ANALYZER FOR SINGLE MOLECULE DETECTION AND METHODS OF USE**
[54] **ANALYSEUR A BALAYAGE PERMETTANT LA DETECTION DE MOLECULE UNIQUE ET PROCEDES D'UTILISATION**
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[54] **METHODS, SYSTEMS AND DEVICES FOR NON-INVASIVE OPEN VENTILATION WITH GAS DELIVERY NOZZLES WITHIN AN OUTER TUBE**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS DE VENTILATION OUVERTE NON VULNERANTE UTILISANT DES BUSES D'APPORT DE GAZ PREVUES DANS UN TUYAU EXTERIEUR**
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[54] **SEL DE CHLORHYDRATE DE ((1S,2S,4R)-4-{4-[(1S)-2,3-DIHYDRO-1H-INDEN-1-YLAMINO]-7H-PYRROLO [2,3-D] PYRIMIDIN-7-YLE}-2-HYDROXYCYCLOPENTYLE) METHYLSULFAMATE**
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[72] LANGSTON, MARIANNE, US
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[54] **TREATMENT OF COLLAGEN GENE RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO A COLLAGEN GENE**
[54] **TRAITEMENT DE MALADIES LIEES AU GENE DU COLLAGENE PAR INHIBITION D'UN PRODUIT DE TRANSCRIPTION ANTISENS NATUREL A UN GENE DU COLLAGENE**
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[54] **A WIRELESS THERMOSTATIC CONTROLLED ELECTRIC HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE ELECTRIQUE A COMMANDE THERMOSTATIQUE SANS FIL**
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[72] BELAND, STEPHANE JOSEPH PIERRE, US
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[54] **MATERIAUX DE CONVERSION D'ENERGIE FABRIQUES AVEC DES NANOTUBES DE NITRURE DE BORE (BNNT) ET COMPOSITES DE POLYMERE DE BNNT**
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[54] **METHODE D'ILLUMINATION DIRIGEE PAR L'HOTE ET SYSTEME POUR PROCEDER A UNE ILLUMINATION DIRIGEE PAR L'HOTE**
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[72] PEIRCE, MICHAEL, IE
[72] SEZILLE, NICOLAS JACQUES JEAN, IE
[73] DAON HOLDINGS LIMITED, KY
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[54] **APPAREILS ET PROCEDES DE THERAPIE PAR DEPRESSION POUR PLAIES**
[72] ALBERT, SEAN, US
[72] ARMSTRONG, ED, US
[72] BEAUDOIN, KEN, US
[72] BLACKBURN, IAIN MICHAEL, GB
[72] BUSSONE, PHIL, US
[72] CRAWFORD, BRENDAN, US
[72] EMMERSON, ROBERT, GB
[72] EWASCHUK, MIKE, US
[72] GIANELIS, STEPHEN, US
[72] GODDARD, ANDREW, US
[72] GORDON, JOSEPH, US
[72] GUARRAIA, MARK, US
[72] JOHNSON, TIM, US
[72] KEITH-LUCAS, DARWIN, US
[72] LINTON, ANDREW, GB
[72] NELSEN, DAN, US
[72] SALAME, MICHAEL, US
[72] STERN, TIM, GB
[72] WHITE, MARK, GB
[73] SMITH & NEPHEW, INC., US
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[30] US (61/289,358) 2009-12-22
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[25] EN
[54] **AN ADAPTABLE RETAIL PRICING ENVIRONMENT AND ELECTRONIC EXCHANGE, DELIVERING CUSTOMIZED SHOPPER REWARDS AND DISCOUNTS**
[54] **ENVIRONNEMENT DE FIXATION DE PRIX DE DETAIL ADAPTABLE ET D'ECHANGE ELECTRONIQUE, DISTRIBUANT DES RECOMPENSES ET DES REMISES PERSONNALISEES AUX ACHETEURS**
[72] THOMAS, DAVID EDWARD, US
[72] QUINN, JONATHAN, US
[72] MINASI, MICHAEL ROBERT, US
[72] AAMIR, MIR. MOHAMMED, US
[72] PATTISON, TAMARA RUTH, US
[73] SAFEWAY, INC., US
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[25] EN
[54] **BLIND RIVET ELEMENT**
[54] **ELEMENT DE RIVET AVEUGLE**
[72] SCHRUFF, HERBERT, DE
[73] DREGISCHAN, SIMONE, DE
[73] VETTER, ALEXANDRA, DE
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[87] (2795633)
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[54] **PRODUCTION OF SOLUBLE PROTEIN SOLUTIONS FROM PULSES**
[54] **PRODUCTION DE SOLUTIONS DE PROTEINE SOLUBLE DE LEGUMINEUSE**
[72] SEGALL, KEVIN I., CA
[72] SCHWEIZER, MARTIN I., CA
[73] BURCON NUTRASCIENCE (MB) CORP., CA
[85] 2012-10-17
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[54] **8-HYDROXY-QUINOLINE DERIVATIVES**
[54] **DERIVES 8-HYDROXY-QUINOLINE**
[72] PUSKAS, LASZLO, HU
[72] SZABO, CSABA, HU
[72] KANIZSAI, IVAN, HU
[72] GYURIS, MARIO, HU
[72] MADACSI, RAMONA, HU
[72] OZSVARI, BELA, HU
[72] FEHER, LILIANA, HU
[72] TAMAS, GABOR, HU
[73] "AVIDIN" KUTATO, FEJLESZTO ES KERESKEDELMI KORLATOLT FELELOSSEGU TARSASAG, HU
[73] SONEAS KUTATO KORLATOLT FELELOSSEGU TARSASAG, HU
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[54] **METHOD FOR STERILIZING AT LEAST ONE OBJECT, STERILIZATION APPARATUS AND USE HEREFOR**
[54] **PROCEDE DE STERILISATION ET DISPOSITIF DE STERILISATION**
[72] FEHR, THORSTEN, DE
[72] HAUPERT, CLAUS, DE
[72] KUGELMANN, FRANZ, DE
[72] SIMON, NICOLE, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[54] **ANTICORPS AGONISTE DE CD27**
[72] VAN EENENNAAM, HANS, NL
[72] MULDER, WINFRIED ROBERT, NL
[72] BORST, JANNETJE GEERTRUIDA, NL
[72] VERAAR, AARTJE MARIA ELIZABETH, NL
[72] VINK, PAUL MARIA FREDERIKUS, NL
[73] ADURO BIOTECH HOLDINGS, EUROPE B.V., NL
[85] 2013-01-07
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[54] **IMPROVEMENTS IN AND RELATING TO OIL WELL PERFORATORS**
[54] **AMELIORATIONS APPORTEES AUX PERFORATEURS DE PUITS DE PETROLE ET RELATIVES A CEUX-CI**
[72] CHURCH, PHILIP DUNCAN, GB
[72] CLARIDGE, ROBERT PETER, GB
[72] GOULD, PETER JOHN, GB
[72] TOWNSLEY, RICHARD GORDON, GB
[73] QINETIQ LIMITED, GB
[85] 2013-01-14
[86] 2011-07-26 (PCT/GB2011/001119)
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[54] **HYDROPROCESSING CATALYSTS AND METHODS FOR MAKING THEREOF**
[54] **CATALYSEURS D'HYDROTRAITEMENT ET LEURS PROCEDES DE FABRICATION**
[72] REYNOLDS, BRUCE E., US
[72] CHABOT, JULIE, US
[72] MARIS, ERIN, US
[72] SOLBERG, SEAN, US
[72] CHEN, KAIDONG, US
[73] CHEVRON U.S.A. INC., US
[85] 2013-05-09
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[54] **APPARATUSES FOR WRAPPING A LOAD AND SUPPLYING FILM FOR WRAPPING A LOAD AND ASSOCIATED METHODS**
[54] **APPAREIL POUR EMBALLER UNE CHARGE ET FOURNIR UNE PELLICULE POUR EMBALLER UNE CHARGE ET PROCEDES ASSOCIES**
[72] LOPES, GUY, CA
[72] BRANKOV, YVAYLO, CA
[72] SAMSON, SYLVAIN, CA
[72] DUBREUIL, ERIC, CA
[72] LEMIEUX, PASCAL, CA
[73] WULFTEC INTERNATIONAL INC., CA
[86] (2818145)
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[54] **COMPOSITIONS AND METHODS FOR IMPROVING MITOCHONDRIAL FUNCTION AND TREATING NEURODEGENERATIVE DISEASES AND COGNITIVE DISORDERS**
[54] **COMPOSITIONS ET METHODES D'AMELIORATION DE LA FONCTION MITOCHONDRIALE ET DE TRAITEMENT DE MALADIES NEURODEGENERATIVES ET DE TROUBLES COGNITIFS**
[72] SCHNEIDER, BERNARD, CH
[72] RINSCH, CHRISTOPHER L., CH
[72] SANDI, CARMEN, CH
[72] AUWERX, JOHAN, CH
[72] PIRINEN, EIJA, CH
[72] THOMAS, CHARLES, CH
[72] HOUTKOOPER, RICHARDUS, CH
[72] BLANCO-BOSE, WILLIAM, CH
[72] MOUCHIROUD, LAURENT, CH
[72] GENOUX, DAVID, CH
[72] ANDREUX, PENELOPE, CH
[73] AMAZENTIS SA, CH
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[54] **GLOVE FOR A HOCKEY OR LACROSSE PLAYER**
[54] **GANT POUR JOUEUR DE CROSSE OU DE HOCKEY**
[72] CONTANT, MATHIEU, CA
[72] BEAUREGARD, MARCO, CA
[72] LEBLANC, ALEXANDRE, CA
[73] BAUER HOCKEY LTD., CA
[86] (2824146)
[87] (2824146)
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[25] EN
[54] **METHOD FOR BACKWARD-COMPATIBLE AGGREGATE FILE SYSTEM OPERATION PERFORMANCE IMPROVEMENT, AND RESPECTIVE APPARATUS**
[54] **PROCEDE D'AMELIORATION DES PERFORMANCES D'EXPLOITATION D'UN SYSTEME DE FICHIERS AGREGES RETROCOMPATIBLES, ET APPAREIL ASSOCIE**
[72] VANDERHALLEN, FRANK, BE
[72] CHANET, DOMINIQUE, BE
[72] FREDERIX, GUY, BE
[72] HAESAERTS, KRISTL, BE
[73] INTERDIGITAL CE PATENT HOLDINGS, SAS, FR
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[54] **SYSTEMS AND METHODS FOR JOINT REPLACEMENT**
[54] **SYSTEMES ET PROCEDES DE REMPLACEMENT D'ARTICULATION**
[72] VAN DER WALT, NICHOLAS, US
[72] RYAN, MATT, US
[72] NASH, SEAN, US
[72] SHAPIRO, CHARLES, US
[72] LANE, RICHARD, US
[72] GROSS, JACOB, US
[73] ORTHALIGN, INC., US
[85] 2013-07-17
[86] 2011-01-21 (PCT/US2011/022162)
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[51] **Int.Cl. G01N 21/59 (2006.01) B04B 7/00 (2006.01) C12Q 1/00 (2006.01) G01N 1/28 (2006.01) G01N 15/06 (2006.01) G01N 21/27 (2006.01) G01N 21/63 (2006.01) G01N 21/78 (2006.01) G01N 33/483 (2006.01) G01N 35/10 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SAMPLE USE MAXIMIZATION**
[54] **SYSTEMES ET PROCEDES DE MAXIMISATION D'UTILISATION D'ECHANTILLON**
[72] GIBBONS, IAN, US
[72] NUGENT, TONY, US
[72] DELACRUZ, ANTHONY, US
[72] YOUNG, DANIEL, US
[72] HOLMES, ELIZABETH, US
[72] DRAKE, ANDREW, US
[72] KEMP, TIMOTHY MICHAEL, US
[72] BALWANI, SUNNY, US
[72] PANGARKAR, CHINMAY, US
[73] LABRADOR DIAGNOSTICS LLC, US
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[51] **Int.Cl. H01R 4/48 (2006.01) H01R 13/66 (2006.01)**
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[54] **PUSH WIRE CONNECTOR HAVING A SPRING BIASING MEMBER**
[54] **CONNECTEUR A PRESSION DOTE D'UN ELEMENT D'ACTIVATION A RESSORT**
[72] SCANZILLO, THOMAS, US
[72] BAZAYEV, EDWARD, US
[72] SIMON, ROBERT, US
[73] HUBBELL INCORPORATED, US
[86] (2825712)
[87] (2825712)
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[54] **PROCEDE DE FUSION DIRECTE**
[72] DRY, RODNEY JAMES, AU
[73] TATA STEEL LIMITED, IN
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[25] EN
[54] **COMBINED HEAT EXCHANGING AND FLUID MIXING APPARATUS**
[54] **APPAREIL ECHANGEUR DE CHALEUR ET DE MELANGE DE LIQUIDES COMBINE**
[72] DE VOS, YVES, BE
[72] WOLLANTS, FREDDY, BE
[72] JANSSENS, JEAN-PAUL HUBERT, BE
[73] BOSAL EMISSION CONTROL SYSTEMS NV, BE
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[87] (2826962)
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[11] **2,827,444**
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[51] **Int.Cl. D21D 1/30 (2006.01)**
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[54] **REFINER PLATE WITH GRADUALLY CHANGING GEOMETRY**
[54] **PLAQUE DE RAFFINEUR A GEOMETRIE GRADUELLEMENT CHANGEANTE**
[72] GINGRAS, LUC, GB
[73] ANDRITZ INC., US
[86] (2827444)
[87] (2827444)
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[54] **CONTROL CIRCUIT FOR AN APPARATUS**
[54] **CIRCUIT DE COMMANDE POUR UN APPAREIL**
[72] ALFTHAN, ARTO, FI
[73] WARATAH OM OY, FI
[86] (2831514)
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[54] **PROTEIN-ACTIVE AGENT CONJUGATES AND METHOD FOR PREPARING THE SAME**
[54] **CONJUGUES PROTEINE-PRINCIPE ACTIF ET LEUR PROCEDE DE PREPARATION**
[72] KIM, YONGZU, KR
[72] PARK, TAEKYO, KR
[72] WOO, SUNGHO, KR
[72] LEE, HYANGSOOK, KR
[72] KIM, YOUNGUN, KR
[72] CHO, JONGUN, KR
[72] JUNG, DOOHWAN, KR
[72] KIM, SUNYOUNG, KR
[72] KWON, HYUNJIN, KR
[72] OH, KYUMAN, KR
[72] CHUNG, YUNSEO, KR
[72] PARK, YUN-HEE, KR
[73] LEGOCHEM BIOSCIENCES, INC., KR
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[25] EN
[54] **REGULATION OF NITRIC OXIDE RELEASE AND BIOFILM DEVELOPMENT**
[54] **REGULATION DE LA LIBERATION D'OXYDE NITRIQUE ET DE DEVELOPPEMENT DE BIOFILM**
[72] BARRAUD, NICOLAS, AU
[72] KARDAK, BHARAT GANGADHAR, IN
[72] KELSO, MICHAEL JOHN, AU
[72] KJELLEBERG, STAFFAN, AU
[72] RICE, SCOTT, AU
[73] UNIVERSITY OF WOLLONGONG, AU
[73] NANYANG TECHNOLOGICAL UNIVERSITY, SG
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[25] FR
[54] **METHOD AND SYSTEM FOR CONTROLLING THE TURN-ON TIME OF A DEVICE THAT INCLUDES A MAGNETIC CIRCUIT**
[54] **PROCEDE ET SYSTEME DE CONTROLE DE L'INSTANT DE MISE SOUS TENSION D'UN DISPOSITIF COMPRENANT UN CIRCUIT MAGNETIQUE**
[72] CAVALLERA, DIDIER, FR
[72] COULOMB, JEAN-LOUIS, FR
[72] CHADEBEC, OLIVIER, FR
[72] CAILLAULT, BRUNO, FR
[72] ZGAINSKI, FRANCOIS-XAVIER, FR
[73] ELECTRICITE DE FRANCE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2013-10-23
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[25] EN
[54] **PROCESSES AND COMPOSITIONS FOR SCAVENGING HYDROGEN SULFIDE**
[54] **PROCEDES ET COMPOSITIONS POUR PIEGEAGE DE SULFURE D'HYDROGENE**
[72] BERTRAND, ROY, III, US
[73] COASTAL CHEMICAL CO., L.L.C., US
[86] (2837992)
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[25] EN
[54] **COMPLEX COMPRISING OXIDATIVE DEHYDROGENATION UNIT**
[54] **COMPLEXE COMPRENANT UNE UNITE DE DESHYDROGENATION OXYDATIVE**
[72] SIMANZHENKOV, VASILY, CA
[72] KUSTOV, LEONID MODESTOVICH, RU
[72] KUCHEROV, ALEKSEY VICTOROVICH, RU
[72] FINASHINA, ELENA DMITRIEVNA, RU
[72] GAO, XIAOLIANG, CA
[72] FOY, EDWARD CHRISTOPHER, CA
[72] ENNIS, CLAIRE JEANNINE, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2840447)
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[25] EN
[54] **IMPLEMENT FOR TYING UP AND SUSPENDING OBJECTS**
[54] **ACCESSOIRE POUR FIXER ET SUSPENDRE DES OBJETS**
[72] KIERSTEAD, RICHARD, CA
[73] KIERSTEAD, RICHARD, CA
[86] (2840792)
[87] (2840792)
[22] 2014-01-27

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[51] **Int.Cl. A41F 15/00 (2006.01) A41D 13/05 (2006.01) A41D 27/00 (2006.01) A63B 71/12 (2006.01)**
[25] EN
[54] **STRETCHABLE STRAP HAVING A PADDING ELEMENT**
[54] **BANDE ETIRABLE COMPORTANT UN ELEMENT COUSSINE**
[72] MARTEL, PASCAL, CA
[73] BAUER HOCKEY LTD., CA
[86] (2841674)
[87] (2841674)
[22] 2014-01-31

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[51] **Int.Cl. A61K 35/28 (2015.01) C12N 5/0775 (2010.01) A61P 9/00 (2006.01)**
[25] EN
[54] **BONE MARROW DERIVED CD271 PRECURSOR CELLS FOR CARDIAC REPAIR**
[54] **CELLULES PRECURSEUR CD271 ISSUES DE LA MOELLE OSSEUSE POUR UNE REPARATION CARDIAQUE**
[72] HARE, JOSHUA M., US
[72] MCNIECE, IAN K., US
[73] JMHMD HOLDINGS LLC, US
[85] 2014-01-16
[86] 2011-08-29 (PCT/US2011/049542)
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[54] **ACTIONNEUR DOUBLE ROTATION**
[72] LINLEY, JASON, CA
[73] LINLEY, JASON, CA
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[54] **RAPID CHARGING ELECTRIC VEHICLE AND METHOD AND APPARATUS FOR RAPID CHARGING**
[54] **VEHICULE ELECTRIQUE A CHARGE RAPIDE ET PROCEDE ET DISPOSITIF DE CHARGE RAPIDE**
[72] DYER, CHRISTOPHER K., US
[72] EPSTEIN, MICHAEL L., US
[72] CULVER, DUNCAN, US
[73] LIGHTENING ENERGY, US
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[54] **COMMUTATEUR INTEGRE POUR INCIDENT ET ALARME A DETECTEUR PNEUMATIQUE**
[72] FRASURE, DAVID, US
[72] WALLACE, STEVEN, US
[72] HAGGE, HARLAN, US
[72] NEWLIN, SCOTT KENNETH, US
[73] KIDDE TECHNOLOGIES, INC., US
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[54] **ABSORBABLE MULTI-PUTTY BONE CEMENTS AND HEMOSTATIC COMPOSITIONS AND METHODS OF USE**
[54] **CIMENTS OSSEUX A PLUSIEURS PATES ET RESORBABLES, COMPOSITIONS HEMOSTATIQUES, ET PROCEDES D'UTILISATION**
[72] BEZWADA, RAO, US
[72] DARR, ANIQ, US
[72] KRONENTHAL, RICHARD L., US
[72] PACIFICO, JOHN, US
[73] ABYRX, INC., US
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[54] **FIL RESISTANT A L'ABRASION**
[72] HENSSEN, GIOVANNI JOSEPH IDA, NL
[73] DSM IP ASSETS B.V., NL
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[54] **NICOTIANA BENTHAMIANA PLANTS DEFICIENT IN FUCOSYLTRANSFERASE ACTIVITY**
[54] **PLANTES NICOTIANA BENTHAMIANA DEFICIENTES DANS L'ACTIVITE FUCOSYLTRANSFERASE**
[72] WETERINGS, KOEN, US
[72] VAN ELDIK, GERBEN, BE
[73] ICON GENETICS GMBH, DE
[85] 2014-03-31
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[25] EN
[54] **STAPLING DEVICE WITH GRASPING JAW MECHANISM**
[54] **AGRAFEUSE AVEC MECANISME DE MACHOIRE DE SAISIE**
[72] CAPPOLA, KENNETH M., US
[73] COVIDIEN LP, US
[86] (2850760)
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[25] EN
[54] **HYDRAULIC FRACTURING WITH PROPPANT PULSING THROUGH CLUSTERED ABRASIVE PERFORATIONS**
[54] **FRACTURATION HYDRAULIQUE UTILISANT UN AGENT DE SOUTENEMENT INJECTE PAR PULSION A TRAVERS DES PERFORATIONS ABRASIVES GROUPEES**
[72] YUDIN, ALEXEY, RU
[72] LYAPUNOV, KONSTANTIN MIKHAILOVICH, RU
[72] LITVINETS, FEDOR NIKOLAEVICH, RU
[72] BURDIN, KONSTANTIN, RU
[72] PENA, ALEJANDRO, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHODS FOR PRODUCING EPOXIDATION CATALYSTS AND EPOXIDATION METHODS UTILIZING THESE**
[54] **PROCEDES DE FABRICATION DE CATALYSEURS D'EPOXYDATION ET PROCEDES D'EPOXYDATION LES UTILISANT**
[72] DIVASSY, BIJU M., IN
[72] LIU, ALBERT C., US
[72] SOO, HWAILI, US
[73] DOW TECHNOLOGY INVESTMENTS, LLC, US
[85] 2014-04-24
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[54] **SKIN ANTISEPTIC APPLICATOR AND METHODS OF MAKING AND USING THE SAME**
[54] **APPLICATEUR D'ANTISEPTIQUE POUR LA PEAU ET PROCEDES POUR FABRIQUER ET UTILISER CELUI-CI**
[72] CHIANG, CASPER W., US
[72] MA, BENJAMIN, US
[72] KIRSCH, BRADLEY L., US
[73] MEDLINE INDUSTRIES, INC., US
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[25] EN
[54] **FROZEN CONFECTIONERY PRODUCT WITH A PEELABLE GEL COATING AND METHOD FOR MANUFACTURING SAME**
[54] **ARTICLE DE CONFISERIE GLACE AVEC ENROBAGE DE GEL PELABLE, ET SON PROCEDE DE FABRICATION**
[72] AMEND, THOMAS ALOISIUS VALENTINUS, US
[72] HEMASTHITI, PANNARAI, TH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2014-04-29
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[54] **APPAREIL DE PRODUCTION D'ENERGIE A PARTIR DE VAGUES**
[72] ZAKHEOS, ADAM, GB
[73] ZAKHEOS, ADAM, GB
[85] 2014-05-06
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[25] EN
[54] **METHODS FOR PREPARING FUNCTIONAL TETRAAZACYCLOALKANE COMPOUNDS USING A SPECIFIC CYCLIC BISAMINAL COMPOUND**
[54] **PROCEDES DE PREPARATION DE COMPOSES TETRAAZACYCLOALCANES FONCTIONNELS A L'AIDE D'UN COMPOSE CYCLIQUE BISAMINAL PARTICULIER**
[72] TRIPIER, RAPHAEL, FR
[72] CAMUS, NATHALIE, FR
[73] UNIVERSITE DE BRETAGNE OCCIDENTALE, FR
[73] CNRS - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **IMPLANTABLE COLLAGEN DEVICES AND RELATED METHODS AND SYSTEMS OF MAKING SAME**
[54] **DISPOSITIFS IMPLANTABLES DE COLLAGENE ET LEURS PROCEDES ET SYSTEMES DE FABRICATION CORRESPONDANTS**
[72] KOOB, THOMAS J., US
[73] MIMEDX GROUP, INC., US
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[54] **SUPPORTS DE COMMISSURES AMELIORES POUR VALVE CARDIAQUE PROTHETIQUE**
[72] YOHANAN, ZIV, US
[72] LEVI, TAMIR S., US
[72] BENICHOU, NETANEL, US
[72] BUKIN, MICHAEL, US
[72] GUROVICH, NIKOLAY, US
[72] SHERMAN, ELENA, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **ROBUST CONTROLLED-RELEASE FORMULATIONS**
[54] **FORMULATIONS A LIBERATION CONTROLEE ROBUSTES**
[72] TIBERG, FREDRIK, SE
[72] JOHNSSON, MARKUS, SE
[73] CAMURUS AB, SE
[85] 2014-06-04
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[54] **USE OF C1-INHIBITOR FOR THE TREATMENT OF SECONDARY EDEMA OF THE CENTRAL NERVOUS SYSTEM**
[54] **UTILISATION D'UN C1-INHIBITEUR DESTINE AU TRAITEMENT D'UN EDEME SECONDAIRE DU SYSTEME NERVEUX CENTRAL**
[72] KLEINSCHNITZ, CHRISTOPH, DE
[72] NOLTE, MARC, DE
[72] STOLL, GUIDO, DE
[72] DICKNEITE, GERHARD, DE
[72] SCHULTE, STEFAN, DE
[72] NIESWANDT, BERNHARD, DE
[72] PRAGST, INGO, DE
[73] CSL BEHRING GMBH, DE
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[30] EP (11195254.5) 2011-12-22
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[54] **PROCESS FOR THE SYNTHESIS OF HIGHLY PURE CATIONIC SURFACTANT PRODUCTS**
[54] **PROCEDE POUR LA SYNTHESE DE PRODUITS TENSIOACTIFS CATIONIQUES HAUTEMENT PURS**
[72] MEHTA, DILIP S., IN
[72] SHASTRI, MAYANK, IN
[73] A&B INGREDIENTS, INC., US
[85] 2014-06-17
[86] 2012-05-04 (PCT/IB2012/052238)
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[54] **METHOD FOR PRODUCING MINERAL WOOL**
[54] **PROCEDE DE PRODUCTION DE LAINE MINERALE**
[72] BEAUFILS, SEBASTIEN, FR
[72] CLATOT, RICHARD, FR
[73] SAINT-GOBAIN ISOVER, FR
[85] 2014-07-04
[86] 2013-01-25 (PCT/FR2013/050152)
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[54] **HYPERBRANCHED OLEFIN OIL BASED DIELECTRIC FLUID**
[54] **FLUIDE DIELECTRIQUE A BASE D'HUILE OLEFINIQUE HYPER-RAMIFIEE**
[72] KLOSIN, JERZY, US
[72] LYSENKO, ZENON, US
[72] HAN, SUH JOON, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-06-25
[86] 2012-11-28 (PCT/US2012/066700)
[87] (WO2013/101376)
[30] US (61/581,402) 2011-12-29

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[54] **SPACE AND TIME COGNITIVE MOBILITY SYSTEM WITH DISTRIBUTED AND COOPERATIVE INTELLIGENCE CAPABILITIES**
[54] **SYSTEME DE MOBILITE A CONNAISSANCE DE L'ESPACE ET DU TEMPS A CAPACITES D'INTELLIGENCE DISTRIBUEE ET COOPERATIVE**
[72] BASIR, OTMAN A., CA
[73] APPY RISK TECHNOLOGIES LIMITED, GB
[85] 2014-06-23
[86] 2012-12-26 (PCT/US2012/071683)
[87] (WO2013/096973)
[30] US (61/580,077) 2011-12-23
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[25] EN
[54] **PROCESS AND APPARATUS FOR VACUUM DISTILLATION OF HIGH-PURITY MAGNESIUM**
[54] **PROCEDE ET DISPOSITIF DESTINES A LA DISTILLATION SOUS VIDE DE MAGNESIUM DE HAUTE PURETE**
[72] LOFFLER, JORG, CH
[72] UGGOWITZER, PETER, CH
[72] WEGMANN, CHRISTIAN, CH
[72] BECKER, MINH, CH
[72] FEICHTINGER, HEINRICH, CH
[73] ETH ZUERICH, CH
[85] 2014-07-08
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[11] **2,862,213**
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[51] **Int.Cl. G05D 1/02 (2020.01) G05B 19/418 (2006.01)**
[25] EN
[54] **DISCOVERY AND MONITORING OF AN ENVIRONMENT USING A PLURALITY OF ROBOTS**
[54] **DECOUVERTE ET SURVEILLANCE D'UN ENVIRONNEMENT A L'AIDE D'UNE PLURALITE DE ROBOTS**
[72] GUO, SHANG Q., US
[72] ISCI, CANTURK, US
[72] LENCHNER, JONATHAN, US
[72] MUKHERJEE, MAHARAJ, US
[73] DAEDALUS GROUP, LLC, US
[85] 2014-06-27
[86] 2012-11-27 (PCT/US2012/066576)
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[25] EN
[54] **TREATING OF CATALYST SUPPORT**
[54] **TRAITEMENT DE SUPPORT DE CATALYSEUR, CATALYSEURS FISCHER-TROPSCH ET LEUR PROCEDE DE PREPARATION**
[72] DALY, FRANCIS, US
[72] RICHARD, LAURA, GB
[72] RUGMINI, SREEKALA, GB
[73] VELOCYS TECHNOLOGIES LIMITED, GB
[85] 2014-07-22
[86] 2013-01-29 (PCT/GB2013/050193)
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[25] EN
[54] **ENZYMATIC PRE-TREATMENT OF MARKET PULP TO IMPROVE FIBER DRAINAGE AND PHYSICAL PROPERTIES**
[54] **PRETRAITEMENT ENZYMATIQUE DE PATE COMMERCIALISEE POUR AMELIORER L'EGOUTTEMENT DE FIBRES ET LES PROPRIETES PHYSIQUES DE FIBRES**
[72] TAUSCHE, JAMES, US
[72] MA, JIANHUA, US
[72] TAUSCHE, PAUL, US
[73] ENZYMATIC DEINKING TECHNOLOGIES, L.L.C., US
[85] 2014-06-27
[86] 2012-12-11 (PCT/US2012/068965)
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[51] **Int.Cl. C07D 277/46 (2006.01) A61K 31/426 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **RIBONUCLEOTIDE REDUCTASE INHIBITORS AND METHODS OF USE**
[54] **INHIBITEURS DE LA RIBONUCLEOTIDE REDUCTASE ET PROCEDES D'UTILISATION**
[72] HORNE, DAVID, US
[72] LINCOLN, CHRISTOPHER, US
[73] CITY OF HOPE, US
[85] 2014-07-24
[86] 2013-02-01 (PCT/US2013/024490)
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[54] **PORTABLE BACKPACK FEEDER APPARATUS**
[54] **APPAREIL D'ALIMENTATION DE TYPE SAC A DOS PORTABLE**
[72] MAUER, JAMES, US
[73] MAUER, JAMES, US
[86] (2863246)
[87] (2863246)
[22] 2014-09-11
[30] US (14/026,623) 2013-09-13

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[25] EN
[54] **WEATHERIZED MINERALS AND METHODS OF MAKING AND USING SAME**
[54] **MINERAUX INTEMPERISES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] KANZELBERGER-COOLICH, MELISSA, US
[72] SCOTT, RONALD R., US
[73] PURINA ANIMAL NUTRITION LLC, US
[85] 2014-08-01
[86] 2013-02-12 (PCT/US2013/025753)
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[25] EN
[54] **TELEMETRY SYSTEM FOR A CLOUD SYNCHRONIZATION SYSTEM**
[54] **SYSTEME DE TELEMETRIE POUR SYSTEME DE SYNCHRONISATION DANS LE NUAGE**
[72] CHUNG, RICHARD, US
[72] LUEDER, ROGER, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2014-09-04
[86] 2013-04-03 (PCT/US2013/035049)
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[25] EN
[54] **INHIBITION OF MCL-1 AND/OR BFL-1/A1**
[54] **INHIBITION DE MCL-1 ET/OU DE BFL-1/A1**
[72] WALENSKY, LOREN D., US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2014-09-19
[86] 2013-03-14 (PCT/US2013/031705)
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[30] US (61/613,225) 2012-03-20

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[13] C
[51] **Int.Cl. C07C 211/36 (2006.01) A61K 31/132 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTI-METATSTATIC AGENTS PREDICATED UPON POLYAMINE-MACROCYCLIC CONJUGATES**
[54] **AGENTS ANTIMETASTASIQUES A BASE DE CONJUGUES MACROCYCLIQUES DE POLYAMINE**
[72] PHANSTIEL, OTTO, IV, US
[72] MUTH, AARON, US
[73] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2014-09-25
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[51] **Int.Cl. A61F 2/12 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE MESH IMPLANT**
[54] **IMPLANT DE TREILLIS BIOCOMPATIBLE**
[72] KERR, MARSHALL, US
[72] HARMS, DONN K., US
[73] PFM MEDICAL, INC., US
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[86] 2013-03-26 (PCT/US2013/033930)
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[30] US (13/850,987) 2013-03-26

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[51] **Int.Cl. B01J 21/04 (2006.01) B01J 23/72 (2006.01) C07D 307/08 (2006.01)**
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[54] **CATALYST FOR TETRAHYDROFURAN SYNTHESIS**
[54] **CATALYSEUR POUR LA SYNTHESE DE TETRAHYDROFURANE**
[72] MADON, ROSTAM JAL, US
[72] PINKOS, ROLF, DE
[72] OSETSKA, OLGA, DE
[72] THAKUR, DEEPAK S., US
[72] JAGTA, RON, US
[73] BASF CORPORATION, US
[85] 2014-09-29
[86] 2013-03-28 (PCT/US2013/034230)
[87] (WO2013/148923)
[30] US (61/617,992) 2012-03-30
[30] US (13/851,562) 2013-03-27

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[13] C
[51] **Int.Cl. C22B 3/10 (2006.01) C22B 3/24 (2006.01) C22B 3/30 (2006.01) C22B 3/44 (2006.01) C22B 11/00 (2006.01)**
[25] EN
[54] **CHLORIDE PROCESS FOR THE LEACHING OF GOLD**
[54] **PROCEDE AUX CHLORURES POUR LA LIXIVIATION D'OR**
[72] LAKSHMANAN, VAIKUNTAM I., CA
[72] SRIDHAR, RAMAMRITHAM, CA
[72] HALIM, M.A., CA
[73] PROCESS RESEARCH ORTECH INC., CA
[85] 2014-10-01
[86] 2013-04-08 (PCT/CA2013/000337)
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[51] **Int.Cl. G01N 29/30 (2006.01) G01N 29/44 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ASSESSING THE QUALITY OF ADHESIVELY BONDED JOINTS USING ULTRASONIC WAVES**
[54] **PROCEDE ET SYSTEME D'EVALUATION DE QUALITE DE JOINTS LIES DE MANIERE ADHESIVE A L'AIDE D'ONDES ULTRASONORES**
[72] MAEV, ROMAN GRIGORIEVICH, CA
[72] TITOV, SERGEY ALEKSANDROVICH, RU
[72] BOGACHENKOV, ALEXEY NIKOLAEVICH, RU
[73] TESSONICS CORP., US
[85] 2014-10-09
[86] 2013-04-15 (PCT/US2013/036576)
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[30] US (61/623,838) 2012-04-13

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[54] **ROLLER CRUSHER WITH CHEEK PLATES**
[54] **CONCASSEUR A ROULEAUX AYANT DES FLASQUES**
[72] REZNITCHENKO, VADIM, US
[72] HARBOLD, KEITH, US
[73] METSO MINERALS INDUSTRIES, INC., US
[85] 2014-10-15
[86] 2013-04-19 (PCT/IB2013/053100)
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[51] **Int.Cl. G21C 3/352 (2006.01)**
[25] EN
[54] **SPACER GRIDS FOR NUCLEAR REACTOR**
[54] **GRILLES D'ESPACEMENT POUR REACTEUR NUCLEAIRE**
[72] WALTON, LEWIS A., US
[72] PABIS, GEORGE S., US
[72] DOAN, ANDREW W., US
[72] HATMAKER, JAMES G., US
[73] BWXT MPOWER, INC., US
[85] 2014-10-16
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[30] US (61/625,130) 2012-04-17
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[51] **Int.Cl. A61B 17/34 (2006.01) A61M 25/088 (2006.01) A61M 25/092 (2006.01)**
[25] EN
[54] **STEERABLE ENDOLUMINAL PUNCH**
[54] **EMPORTE-PIECE ENDOLUMINAL ORIENTABLE**
[72] LENKER, JAY A., US
[72] POOL, SCOTT L., US
[73] INDIAN WELLS MEDICAL, INC., US
[85] 2014-10-17
[86] 2013-03-28 (PCT/US2013/034474)
[87] (WO2013/158354)
[30] US (61/625,503) 2012-04-17
[30] US (61/663,517) 2012-06-22
[30] US (13/750,689) 2013-01-25

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[51] **Int.Cl. B65B 31/00 (2006.01) A61K 49/22 (2006.01) B67C 3/10 (2006.01) B67C 3/26 (2006.01)**
[25] EN
[54] **METHOD FOR FILLING A CONTAINER WITH A FOAMABLE COMPOSITION**
[54] **PROCEDE POUR LE REMPLISSAGE D'UN RECIPIENT AVEC UNE COMPOSITION MOUSSABLE**
[72] KVALE, SVEIN, NO
[72] TONSETH, CARL PETER, NO
[72] TOKERUD, OLE JOHANNES, NO
[73] GE HEALTHCARE AS, NO
[85] 2014-10-27
[86] 2013-04-26 (PCT/EP2013/058757)
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[51] **Int.Cl. A61K 49/22 (2006.01)**
[25] EN
[54] **ULTRASOUND CONTACT FLUID**
[54] **FLUIDE DE CONTACT ULTRASONORE**
[72] SELBEKK, TORMOD, NO
[72] UNSGARD, GEIRMUND, NO
[73] SONOCLEAR AS, NO
[85] 2014-10-30
[86] 2013-05-08 (PCT/EP2013/059588)
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[13] C
[51] **Int.Cl. A61K 31/35 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **CANNABIS PLANT ISOLATE COMPRISING .DELTA.9-TETRAHYDROCANNABINOL AND A METHOD FOR PREPARING SUCH AN ISOLATE**
[54] **ISOLAT DE PLANTE DE CANNABIS COMPRENANT DU .DELTA.9-TETRAHYDROCANNABINOL ET PROCEDE POUR LA PREPARATION D'UN TEL ISOLAT**
[72] FERNANDEZ CID, MARIA VANESA, NL
[72] VAN HOUTEN, DENNIS, NL
[73] ECHO PHARMACEUTICALS B.V., NL
[85] 2014-11-03
[86] 2013-05-03 (PCT/NL2013/050339)
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[51] **Int.Cl. H01L 31/107 (2006.01) H01L 31/0304 (2006.01)**
[25] EN
[54] **PLANAR AVALANCHE PHOTODIODE**
[54] **PHOTODIODE A AVALANCHE PLANE**
[72] LEVINE, BARRY, US
[73] MACOM TECHNOLOGY SOLUTIONS HOLDINGS, INC., US
[85] 2014-11-14
[86] 2013-05-17 (PCT/US2013/041536)
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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **DRILLING SYSTEM, BIASING MECHANISM AND METHOD FOR DIRECTIONALLY DRILLING A BOREHOLE**
[54] **SYSTEME DE FORAGE, MECANISME DE RAPPEL ET PROCEDE PERMETTANT UN FORAGE DIRECTIONNEL D'UN TROU DE FORAGE**
[72] SCHAAF, STUART, US
[72] WERNIG, MARCUS D., US
[73] B&W MUD MOTORS, LLC, US
[85] 2014-11-20
[86] 2013-03-15 (PCT/US2013/032406)
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[51] **Int.Cl. G06F 21/57 (2013.01) G06F 8/61 (2018.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DATA RE-INSTALLATION**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR GERER UNE REINSTALLATION DE DONNEES**
[72] GARGIULO, MICHAEL J., US
[73] GOOGLE LLC, US
[85] 2014-11-24
[86] 2014-01-21 (PCT/US2014/012339)
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[51] **Int.Cl. B29C 65/48 (2006.01) B29C 45/14 (2006.01) B29C 65/70 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A FLEXIBLE SKIN HAVING AT LEAST ONE INSERT ADHERED THERETO**
[54] **PROCEDE DE FABRICATION D'UNE PEAU FLEXIBLE SUR LAQUELLE ADHERE AU MOINS UN INSERT**
[72] DE WILDE, PETER, BE
[72] BOUCKAERT, JEAN-CHRISTOPHE, BE
[72] DE SWAEF, FILIP, BE
[72] DIERENS, FRANK, BE
[73] RECTICEL AUTOMOBILSYSTEME GMBH, DE
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[25] EN
[54] **FLUID FLOW CONTROL BY A NON-PINCHING VALVE**
[54] **COMMANDE DU DEBIT DE FLUIDE AU MOYEN D'UNE VANNE ANTI-PINCEMENT**
[72] MANSOUR, GEORGE, US
[72] ZOLLINGER, CHRIS, US
[72] YEH, JONATHAN, US
[72] CLARKE, CHRISTOPHER J., GB
[73] CAREFUSION 303, INC., US
[85] 2014-12-02
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[51] **Int.Cl. G06F 21/30 (2013.01)**
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[54] **SYSTEM AND METHOD FOR ESTABLISHING AND MONETIZING TRUSTED IDENTITIES IN CYBERSPACE WITH PERSONAL DATA SERVICE AND USER CONSOLE**
[54] **SYSTEME ET PROCEDE SERVANT A L'ETABLISSEMENT ET A LA MONETISATION D'IDENTITES SECURISEES DANS LE CYBERESPACE COMPRENANT UN SERVICE DE DONNEES PERSONNELLES ET UNE CONSOLE UTILISATEUR**
[72] COXE, DAVID H., US
[72] COXE, ROBERT LLOYD, JR., US
[72] DIALS, JOHN JOSEPH, JR., US
[72] MCKAY-DONOVAN, CHRISTINE W., US
[73] ID DATAWEB, INC., US
[85] 2014-12-04
[86] 2013-07-01 (PCT/US2013/048952)
[87] (WO2014/005148)
[30] US (61/666,560) 2012-06-29
[30] US (61/676,140) 2012-07-26
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[30] US (61/762,527) 2013-02-08
[30] US (61/764,619) 2013-02-14

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[51] **Int.Cl. C07D 213/89 (2006.01) C07D 409/04 (2006.01)**
[25] EN
[54] **PYRIDINE N-OXIDES AND PROCESSES FOR THEIR PREPARATION**
[54] **N-OXYDES DE PYRIDINE ET LEURS PROCEDES DE PREPARATION**
[72] BLAND, DOUGLAS C., US
[72] ROSS, RONALD, JR., US
[72] JOHNSON, PETER L., US
[72] JOHNSON, TIMOTHY C., US
[73] DOW AGROSCIENCES LLC, US
[85] 2014-12-09
[86] 2013-06-12 (PCT/US2013/045300)
[87] (WO2014/004080)
[30] US (61/666,811) 2012-06-30

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[51] **Int.Cl. C07D 409/04 (2006.01) C07D 213/89 (2006.01)**
[25] EN
[54] **PRODUCTION OF N-SUBSTITUTED SULFOXIMINE PYRIDINE N-OXIDES**
[54] **PRODUCTION DE N-OXYDES DE PYRIDINE SULFOXIMINE N-SUBSTITUES**
[72] BLAND, DOUGLAS C., US
[72] ROSS, RONALD, JR., US
[72] JOHNSON, PETER L., US
[72] JOHNSON, TIMOTHY C., US
[73] DOW AGROSCIENCES LLC, US
[85] 2014-12-09
[86] 2013-06-13 (PCT/US2013/045556)
[87] (WO2014/004094)
[30] US (61/666,808) 2012-06-30
[30] US (61/666,807) 2012-06-30

[11] **2,876,366**
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[51] **Int.Cl. B62D 23/00 (2006.01) B62D 27/02 (2006.01)**
[25] EN
[54] **VEHICLE BODYWORK AND METHOD OF CONSTRUCTING THE VEHICLE**
[54] **CARROSSERIE DE VEHICULE ET PROCEDE DE CONSTRUCTION DU VEHICULE**
[72] JONES, MARK ANDREW, GB
[72] LETT, BARRY, GB
[73] GORDON MURRAY DESIGN LIMITED, GB
[85] 2014-12-11
[86] 2013-07-05 (PCT/EP2013/064250)
[87] (WO2014/009271)
[30] GB (1212206.5) 2012-07-10

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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01)**
[25] EN
[54] **ICE HOCKEY PRACTICE TARGET**
[54] **CIBLE D'ESSAI POUR HOCKEY SUR GLACE**
[72] OLSEN, RODNEY, US
[73] OLSEN, RODNEY, US
[86] (2876678)
[87] (2876678)
[22] 2014-12-22
[30] US (14/147,544) 2014-01-05

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/29 (2006.01) A61B 18/12 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **DEPLOYMENT MECHANISMS FOR SURGICAL INSTRUMENTS**
[54] **MECANISMES DE DEPLOIEMENT POUR INSTRUMENTS CHIRURGICAUX**
[72] MUELLER, PETER M., US
[73] COVIDIEN LP, US
[85] 2014-12-19
[86] 2013-10-11 (PCT/US2013/064551)
[87] (WO2014/077988)
[30] US (61/726,988) 2012-11-15
[30] US (14/047,474) 2013-10-07

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[13] C
[51] **Int.Cl. F23N 5/10 (2006.01) F23D 14/72 (2006.01) F23N 5/24 (2006.01) F24C 3/12 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **GAS HEATER WITH THERMOCOUPLES**
[54] **RECHAUFFEUR DE GAZ A THERMOCOUPLES**
[72] SMITH, SCOTT, AU
[73] BROMIC PTY LTD, AU
[85] 2015-01-12
[86] 2013-06-29 (PCT/AU2013/000715)
[87] (WO2014/012131)
[30] AU (2012903030) 2012-07-16

[11] **2,879,502**
[13] C
[51] **Int.Cl. B01D 33/15 (2006.01) B01D 33/50 (2006.01)**
[25] EN
[54] **MACHINE FOR CONTINUOUS MICROFILTRATION OF PROCESS AND WASTE WATER, FOR REUSE THEREOF IN AGRICULTURE AND INDUSTRY**
[54] **MACHINE POUR MICROFILTRATION CONTINUE D'EAUX DE TRAITEMENT ET D'EAUX USEES, EN VUE DE LEUR REUTILISATION DANS L'AGRICULTURE ET L'INDUSTRIE**
[72] MASSIGNANI, DONATO, IT
[73] NUOVE ENERGIE S.R.L., IT
[85] 2015-01-19
[86] 2013-07-30 (PCT/IB2013/056259)
[87] (WO2014/020540)
[30] IT (VI2012A000190) 2012-07-30

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[13] C
[51] **Int.Cl. H01S 5/183 (2006.01)**
[25] EN
[54] **MEMS-TUNABLE SHORT CAVITY LASER**
[54] **LASER A CAVITE COURTE ACCORDABLE MEMS**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[73] THORLABS, INC., US
[73] PRAEVIUM RESEARCH, INC., US
[85] 2015-01-19
[86] 2013-07-26 (PCT/US2013/052416)
[87] (WO2014/018943)
[30] US (61/676,712) 2012-07-27

[11] **2,879,762**
[13] C
[51] **Int.Cl. H01S 5/183 (2006.01) H01S 5/34 (2006.01)**
[25] EN
[54] **QUANTUM WELL TUNABLE SHORT CAVITY LASER**
[54] **LASER A CAVITE COURTE ACCORDABLE A PUITS QUANTIQUE**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[73] THORLABS, INC., US
[73] PRAEVIUM RESEARCH, INC., US
[85] 2015-01-20
[86] 2013-07-26 (PCT/US2013/052418)
[87] (WO2014/018945)
[30] US (61/676,712) 2012-07-27

[11] **2,880,034**
[13] C
[51] **Int.Cl. H01S 5/183 (2006.01)**
[25] EN
[54] **TUNABLE SHORT CAVITY LASER SENSOR**
[54] **CAPTEUR LASER A CAVITE COURTE ACCORDABLE**
[72] CABLE, ALEX EZRA, US
[72] JAYARAMAN, VIJAYSEKHAR, US
[72] POTSAID, BENJAMIN MICHAEL, US
[73] THORLABS, INC., US
[73] PRAEVIUM RESEARCH, INC., US
[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052415)
[87] (WO2014/018942)
[30] US (61/676,712) 2012-07-27

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[13] C
[51] **Int.Cl. F23D 14/08 (2006.01) F23D 99/00 (2010.01) C03B 5/235 (2006.01) F23C 3/00 (2006.01) F23D 14/64 (2006.01) F23M 5/02 (2006.01)**
[25] FR
[54] **SUBMERGED BURNER WITH MULTIPLE INJECTORS**
[54] **BRULEUR IMMERGE A INJECTEURS MULTIPLES**
[72] LEFRERE, YANNICK, FR
[72] MARIE, JULIEN, FR
[72] GALLEY, DAVID, FR
[72] CHESNEL, SEBASTIEN, FR
[72] LOPEPE, FREDERIC, FR
[72] BOULANOV, OLEG, FR
[73] SAINT-GOBAIN ISOVER, FR
[85] 2015-02-04
[86] 2013-02-05 (PCT/FR2013/050237)
[87] (WO2013/117851)
[30] FR (1251170) 2012-02-08

[11] **2,881,318**
[13] C
[51] **Int.Cl. C12N 9/64 (2006.01) A61K 39/00 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **VACCINE COMPRISING PCSK9 PEPTIDES**
[54] **VACCIN COMPRENANT DES PEPTIDES PCSK9**
[72] BRUNNER, SYLVIA, AT
[72] GALABOVA, GERGANA, AT
[72] WINSAUER, GABRIELE, AT
[72] BILCIKOVA, ERIKA, SK
[72] JUNO, CLAUDIA, AT
[72] LINZMAYER-HIRT, POLA, AT
[72] SCHUH, BIRGIT, AT
[72] STAFFLER, GUNTHER, AT
[73] AFFIRIS AG, AT
[85] 2015-02-06
[86] 2013-08-28 (PCT/EP2013/067797)
[87] (WO2014/033158)
[30] EP (12182241.5) 2012-08-29

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[13] C
[51] **Int.Cl. E21B 43/116 (2006.01) E21B 33/13 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **PUNCHER TOOL**
[54] **OUTIL DE PERFORATION**
[72] GEIR, MELHUS, NO
[73] TCO AS, NO
[85] 2015-02-06
[86] 2013-08-16 (PCT/IB2013/002083)
[87] (WO2014/027245)
[30] NO (20120921) 2012-08-17

[11] **2,881,465**
[13] C
[51] **Int.Cl. C05C 9/02 (2006.01) C05C 9/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF SUBSTANTIALLY SPHERICAL PARTICLES AND METHODS OF MAKING THEREOF**
[54] **COMPOSITIONS DE PARTICULES ESSENTIELLEMENT SPHERIQUES ET LEURS PROCEDES DE FABRICATION**
[72] GABRIELSON, KURT D., US
[72] WERTZ, STACEY L., US
[72] BOBECK, DREW R., US
[72] SUTTON, ALLEN R., US
[73] KOCH AGRONOMIC SERVICES, LLC, US
[85] 2015-02-09
[86] 2013-08-15 (PCT/US2013/055179)
[87] (WO2014/028759)
[30] US (61/683,319) 2012-08-15

[11] **2,882,194**
[13] C
[51] **Int.Cl. C09D 4/06 (2006.01) C09D 175/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AND REPAIRING A MULTICOAT COLOR AND/OR EFFECT PAINT SYSTEM**
[54] **PROCEDE DE PRODUCTION ET DE RETOUCHE D'UNE PEINTURE MULTICOUCHE DE COULEUR ET/OU A EFFETS**
[72] STEINMETZ, BERNHARD, DE
[72] FIEBER, PHILIPP, DE
[73] BASF COATINGS GMBH, DE
[85] 2015-02-16
[86] 2013-09-20 (PCT/EP2013/069606)
[87] (WO2014/044811)
[30] EP (12185471.5) 2012-09-21
[30] US (61/703,800) 2012-09-21

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[13] C
[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **SENSOR NETWORK DESIGN AND INVERSE MODELING FOR REACTOR CONDITION MONITORING**
[54] **CONCEPTION DE RESEAU DE CAPTEUR ET MODELAGE INVERSE POUR LA SURVEILLANCE D'UN ETAT DE REACTEUR**
[72] SONG, LIMIN, US
[72] KUMARAN, KRISHNAN, US
[72] SENGUPTA, BHASKAR, US
[72] WANG, JING BO, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-02-24
[86] 2013-09-27 (PCT/US2013/062157)
[87] (WO2014/062361)
[30] US (61/714,396) 2012-10-16

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[13] C
[51] **Int.Cl. C22C 23/04 (2006.01) A61L 27/04 (2006.01) A61L 31/02 (2006.01) C22F 1/02 (2006.01) C22F 1/06 (2006.01)**
[25] EN
[54] **ULTRAPURE MAGNESIUM ALLOY WITH ADJUSTABLE DEGRADATION RATE**
[54] **ALLIAGE DE MAGNESIUM ULTRAPUR AYANT UNE VITESSE DE DEGRADATION AJUSTABLE**
[72] IMWINKELRIED, THOMAS, CH
[72] BECK, STEFAN, CH
[72] UGGOWITZER, PETER, CH
[72] LOEFFLER, JOERG, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-02-26
[86] 2013-08-29 (PCT/US2013/057294)
[87] (WO2014/036262)
[30] US (61/695,621) 2012-08-31
[30] US (13/827,008) 2013-03-14

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[54] **METHOD FOR POSITION AND LOCATION DETECTION BY MEANS OF VIRTUAL REFERENCE IMAGES**
[54] **METHODE DE POSITIONNEMENT ET DE DETECTION D'EMPLACEMENT AU MOYEN D'IMAGES DE REFERENCE VIRTUELLES**
[72] AHRNS, INGO, DE
[72] HASKAMP, CHRISTOPH, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[86] (2883862)
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[30] DE (10 2014 003 284.1) 2014-03-05

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[54] **COMPOSITION PREBIOTIQUE DE THYLAKOIDES**
[72] ALBERTSSON, PER-AKE, SE
[72] ERLANSON ALBERTSSON, CHARLOTTE, SE
[73] THYLABISCO AB, SE
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[54] **ROCK FACIES PREDICTION IN NON-CORED WELLS FROM CORED WELLS**
[54] **PREVISION DE FACIES DE ROCHE DANS DES PUITS NON CAROTTES A PARTIR DE PUITS CAROTTES**
[72] SUNG, ROGER R., SA
[72] LI, YUNSHENG, SA
[72] SUN, CHUANYU STEPHEN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-03-11
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[25] EN
[54] **AIRFLOW MODIFICATION PATCH AND METHOD**
[54] **PLAQUE ET PROCEDE DE MODIFICATION D'ECOULEMENT D'AIR**
[72] LACY, STUART, GB
[72] CUMNER, GEOFF, GB
[72] MICHAELIDES, PETER, GB
[73] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[85] 2015-03-11
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[54] **CRYSTALLINE PHASE OF (3S.3S') 4,4'-DISULFANEDIYLBIS(3-AMINOBUTANE 1 -SULFONIC ACID) WITH L-LYSINE**
[54] **PHASE CRISTALLINE DE L'ACIDE (3S.3S') 4,4'-DISULFANEDIYLBIS(3-AMINOBUTANE 1-SULFONIQUE) AVEC LA L-LYSINE**
[72] BALAVOINE, FABRICE, FR
[72] SCHNEIDER, JEAN-MARIE, FR
[72] COQUEREL, GERARD, FR
[72] COUVRAT, NICOLAS, FR
[73] QUANTUM GENOMICS, FR
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[54] **PROVISION OF AN OPTICAL ROTATING JOINT INSTALLATION**
[54] **INSTALLATION DE JOINT TOURNANT OPTIQUE**
[72] PESCOD, CHRISTOPHER RALPH, GB
[72] NAWAZ, MOHAMMED, GB
[73] BAE SYSTEMS PLC, GB
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[54] **MONOCLONAL ANTIBODIES TO GROWTH AND DIFFERENTIATION FACTOR 15 (GDF-15)**
[54] **ANTICORPS MONOCLONAUX DIRIGES CONTRE LE FACTEUR DE CROISSANCE ET DE DIFFERENCIATION 15 (GDF-15)**
[72] WISCHHUSEN, JORG, DE
[72] JUNKER, MARKUS, DE
[72] MULLER, THOMAS, DE
[72] SAREMBA, STEFAN, DE
[73] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
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[25] EN
[54] **HETEROCYCLIC SUBSTITUTED 2-AMINO-QUINAZOLINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS**
[54] **UTILISATION DE DERIVES HETEROCYCLIQUES 2-AMINO-QUINAZOLINE SUBSTITUES POUR LE TRAITEMENT D'INFECTIONS VIRALES**
[72] LAST, STEFAAN JULIEN, BE
[72] MC GOWAN, DAVID CRAIG, BE
[72] EMBRECHTS, WERNER, BE
[72] PIETERS, SERGE MARIA ALOYSIUS, NL
[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[73] JANSSEN SCIENCES IRELAND UC, IE
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[25] EN
[54] **IMPROVED CYCLONIC SEPARATOR SYSTEM**
[54] **SYSTEME DE SEPARATEUR CYCLONIQUE AMELIORE**
[72] ERNST, KENNETH A., CA
[72] GREEN, MATTHEW J., CA
[72] KOCKEN, MORLEY E., CA
[72] CONNOLLY, BRENDAN A., CA
[73] JCI CYCLONICS TECHNOLOGIES LTD., CA
[86] (2886661)
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[25] EN
[54] **DEVICE FOR GENERATING AN ALTERNATE RADIOFREQUENCY ELECTROMAGNETIC FIELD, CONTROL METHOD AND PLANT USING SUCH DEVICE**
[54] **DISPOSITIF POUR GENERER UN CHAMP ELECTROMAGNETIQUE RADIOFREQUENCE ALTERNATIF, PROCEDE DE COMMANDE ET INSTALLATION UTILISANT UN TEL DISPOSITIF**
[72] POLATO, ANTONIO, IT
[72] MARIN, RICCARDO, IT
[73] OFFICINE DI CARTIGLIANO SPA, IT
[85] 2015-03-25
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[25] EN
[54] **RECEIVING DEVICE, RECEIVING METHOD, TRANSMITTING DEVICE, AND TRANSMITTING METHOD**
[54] **DISPOSITIF DE RECEPTION, METHODE DE RECEPTION, DISPOSITIF DE TRANSMISSION ET METHODE DE TRANSMISSION**
[72] KITAHARA, JUN, JP
[72] KITAZATO, NAOHISA, JP
[73] SONY CORPORATION, JP
[85] 2015-04-01
[86] 2013-09-30 (PCT/JP2013/076484)
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[25] EN
[54] **USE OF MASITINIB FOR TREATMENT OF CANCER IN PATIENT SUBPOPULATIONS IDENTIFIED USING PREDICTOR FACTORS**
[54] **UTILISATION DE MASITINIB POUR LE TRAITEMENT DU CANCER CHEZ DES SOUS-POPULATIONS DE PATIENTS IDENTIFIEES A L'AIDE DE FACTEURS DE PREDICTION**
[72] MOUSSY, ALAIN, FR
[72] KINET, JEAN-PIERRE, US
[72] PIQUEMAL, DAVID, FR
[73] AB SCIENCE, FR
[85] 2015-04-02
[86] 2013-10-04 (PCT/EP2013/070741)
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[25] EN
[54] **METHOD AND APPARATUS FOR MEDIA DATA DELIVERY CONTROL**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE DISTRIBUTION DE DONNEES MULTIMEDIA**
[72] BOUAZIZI, IMED, US
[72] BHAT, KONG POSH, US
[72] LIM, YOUNG-KWON, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **A CAPPING DEVICE FOR A MEDICAL ACCESS CONNECTOR**
[54] **DISPOSITIF DE FERMETURE POUR CONNECTEUR D'ACCES A USAGE MEDICAL**
[72] PANIAN, TYLER DEVIN, US
[73] CAREFUSION 303, INC., US
[85] 2015-04-10
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/06 (2012.01)**
[25] FR
[54] **METHOD FOR THE REAL-TIME ESTIMATION OF THE TOTAL CONSUMPTION OF A FLUID DISTRIBUTED TO USERS, AND DISTRIBUTION NETWORK IMPLEMENTING THIS METHOD**
[54] **PROCEDE POUR ESTIMER EN TEMPS REEL LA CONSOMMATION TOTALE D'UN FLUIDE DISTRIBUE A DES USAGERS, ET RESEAU DE DISTRIBUTION METTANT EN OEUVRE CE PROCEDE**
[72] CLAUDIO, KARIM, FR
[72] COUALLIER, VINCENT, FR
[72] LEGAT, YVES, FR
[72] SARACCO, JEROME, FR
[73] LYONNAISE DES EAUX FRANCE, FR
[73] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[73] INRIA, FR
[73] INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, FR
[73] UNIVERSITE DE BORDEAUX, FR
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[25] EN
[54] **NETWORK EXPANSION METHOD FOR A BLUETOOTH NETWORK**
[54] **PROCEDE D'EXTENSION DE RESEAU POUR UN RESEAU BLUETOOTH**
[72] WISSE, DIK-JAN, NL
[73] LELY PATENT N.V., NE
[85] 2015-04-15
[86] 2013-10-21 (PCT/NL2013/050738)
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[51] **Int.Cl. F16F 15/02 (2006.01) F16C 32/04 (2006.01)**
[25] EN
[54] **MECHANICAL DEVICES AND METHOD OF CREATING PRESCRIBED VIBRATION**
[54] **DISPOSITIFS MECANIQUES ET PROCEDE DE CREATION DE VIBRATION PRESCRITE**
[72] JOLLY, MARK R., US
[72] ALTIERI, RUSSELL E., US
[72] BADRE-ALAM, ASKARI, US
[72] OWENS, JONATHAN M., US
[72] HUNTER, ANTHONY, US
[72] JONES, BRADLEY N., US
[72] CARR, BRIAN, US
[72] HOLTON, BEN, US
[72] CADY, ERIC, US
[73] LORD CORPORATION, US
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[25] EN
[54] **7,8-DIHYDOXYFLAVONE AND 7,8-SUBSTITUTED FLAVONE DERIVATIVES, COMPOSITIONS, AND METHODS RELATED THERETO**
[54] **7,8-DIHYDROXYFLAVONE ET DERIVES DE FLAVONE 7,8-SUBSTITUEE, COMPOSITIONS ET METHODES ASSOCIEES**
[72] YE, KEQIANG, US
[73] EMORY UNIVERSITY, US
[85] 2015-05-01
[86] 2013-11-01 (PCT/US2013/067972)
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[30] US (61/722,339) 2012-11-05
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[54] **DISPOSITIFS ELECTRIQUES MODIFIES**
[72] SMITH, JEREMY, US
[72] WATKINS, SEAN, US
[72] JOHNSON, MARTIN, US
[73] SNAPRAYS LLC, US
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[30] US (61/720,131) 2012-10-30
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[54] **MACHINE ET PROCEDE DE DECOUPE DES FLANCS DE PNEUMATIQUES EN FIN DE VIE**
[72] BLONDELET, MICHEL, FR
[72] MATTAROZZI, ALBERTO, IT
[72] PALLOTTA, ANDRE, FR
[72] RENE, PATRICK, FR
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
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[25] EN
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[54] **ENSEMBLE CAGE POUR PROCEDURE DE PROGRESSION DE TUBEROSITE TIBIALE**
[72] WOTTON, HAROLD M., III, US
[73] STERIS INSTRUMENT MANAGEMENT SERVICES, INC., US
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[51] **Int.Cl. B32B 5/10 (2006.01) B29C 70/40 (2006.01) B32B 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHOD FOR PRODUCING THREE-DIMENSIONAL ARTICLES FROM FLEXIBLE COMPOSITE MATERIALS**
[54] **SYSTEMES ET PROCEDE DE FABRICATION D'ARTICLES EN TROIS DIMENSIONS A PARTIR DE MATERIAUX COMPOSITES SOUPLES**
[72] DOWNS, ROLAND JOSEPH, US
[72] ADAMS, CHRISTOPHER MICHAEL, US
[72] HOLWEGER, JON MICHAEL, US
[73] DSM IP ASSETS B.V., NL
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[30] US (61/724,375) 2012-11-09
[30] US (61/780,312) 2013-03-13
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[51] **Int.Cl. A63B 67/04 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE SPORTS APPARATUS**
[54] **APPAREIL DE SPORT A VOCATIONS MULTIPLES**
[72] BORSANYI, GABOR, HU
[73] TEQBALL HOLDING S.A R.L., LU
[85] 2015-05-12
[86] 2013-11-13 (PCT/HU2013/000107)
[87] (WO2014/076515)
[30] HU (4206 (U1200223)) 2012-11-14

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[51] **Int.Cl. E04D 3/08 (2006.01) E04B 1/00 (2006.01) E04D 13/072 (2006.01) E04H 6/02 (2006.01)**
[25] EN
[54] **A SYSTEM FOR A ROOF CONSTRUCTION, AND AN EAVE PIECE**
[54] **SYSTEME POUR UNE CONSTRUCTION DE TOIT, ET PIECE D'AVANT-TOIT**
[72] HILLIAHO, ESA, FI
[73] LUMON INVEST OY, FI
[85] 2015-03-27
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[25] EN
[54] **ACTINIC RADIATION AND MOISTURE DUAL CURABLE COMPOSITION**
[54] **COMPOSITION A DOUBLE DURCISSEMENT PAR RAYONNEMENT ACTINIQUE ET A L'HUMIDITE**
[72] RAHIM, MARUFUR, US
[72] NEBIOGLU, AYSEGUL KASCATAN, US
[72] NEBIOGLU, AHMET, US
[72] AUDIA, MARIA FE ATON, US
[73] DYMAX CORPORATION, US
[86] (2892871)
[87] (2892871)
[22] 2015-05-26
[30] US (14/316,152) 2014-06-27

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[25] EN
[54] **VIRTUAL GATEWAYS FOR ISOLATING VIRTUAL MACHINES**
[54] **PASSERELLES VIRTUELLES PERMETTANT D'ISOLER DES MACHINES VIRTUELLES**
[72] DODGSON, DAVID S., US
[72] FARINA, RALPH, US
[72] FONTANA, JAMES A., US
[72] JOHNSON, ROBERT A., US
[72] MAW, DAVID, US
[72] NARISI, ANTHONY, US
[73] UNISYS CORPORATION, US
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[86] 2013-06-26 (PCT/US2013/047850)
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[30] US (13/547,143) 2012-07-12

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[51] **Int.Cl. H04L 29/06 (2006.01) G06F 21/60 (2013.01) G06F 9/455 (2018.01)**
[25] EN
[54] **AUTOMATED PROVISIONING OF VIRTUAL MACHINES**
[54] **APPROVISIONNEMENT AUTOMATIQUE DE MACHINES VIRTUELLES**
[72] DODGSON, DAVID S., US
[72] FARINA, RALPH, US
[72] FONTANA, JAMES A., US
[72] JOHNSON, ROBERT A., US
[72] MAW, DAVID, US
[72] NARISI, ANTHONY, US
[73] UNISYS CORPORATION, US
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[86] 2013-07-02 (PCT/US2013/049066)
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[30] US (13/547,148) 2012-07-12

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[13] C
[51] **Int.Cl. C08F 216/14 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE HYDROPHOBICALLY ASSOCIATING COPOLYMERS WITH NOVEL HYDROPHOBICALLY ASSOCIATING MONOMERS**
[54] **COPOLYMERES HYDROSOLUBLES A ASSOCIATION HYDROPHOBE COMPRENANT DE NOUVEAUX MONOMERES A ASSOCIATION HYDROPHOBE**
[72] BITTNER, CHRISTIAN, DE
[72] LANGLOTZ, BJORN, DE
[72] WENZKE, BENJAMIN, DE
[72] SPINDLER, CHRISTIAN, US
[72] REICHENBACH-KLINKE, ROLAND, DE
[73] BASF SE, DE
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[86] 2013-12-13 (PCT/EP2013/076523)
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[30] EP (12197504.9) 2012-12-17

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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **BIOMARKERS IN THE SELECTION OF THERAPY OF HEART FAILURE**
[54] **BIOMARQUEURS DANS LA SELECTION DE THERAPIE D'UNE INSUFFISANCE CARDIAQUE**
[72] ZAUGG, CHRISTIAN, CH
[72] BLOCK, DIRK, DE
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] BRUNNER, HANS-PETER, CH
[72] KRAUSE, FRIEDEMANN, DE
[72] MODEL, FABIAN, DE
[72] ROLNY, VINCENT, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-06-03
[86] 2013-12-04 (PCT/EP2013/075491)
[87] (WO2014/086833)
[30] EP (12195491.1) 2012-12-04

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[13] C
[51] **Int.Cl. A61B 90/90 (2016.01) A61B 34/20 (2016.01) A61B 17/94 (2006.01) A61M 25/095 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **SURGICAL PROCEDURE MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GESTION D'UNE PROCEDURE CHIRURGICALE**
[72] GARBEY, MARC, US
[72] BASS, BARBARA LEE, US
[72] DUNKIN, BRIAN JAMES, US
[72] SHERMAN, VADIM, US
[72] TOTI, GIULIA, US
[73] UNIVERSITY OF HOUSTON, US
[73] THE METHODIST HOSPITAL, US
[85] 2015-06-03
[86] 2013-12-06 (PCT/US2013/073592)
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[25] EN
[54] **ROCK ANCHOR BOLT**
[54] **BOULON D'ANCRAGE DANS LA ROCHE**
[72] AHOLA, TOMI, FI
[73] SUOMEN METALLITYO OY, FI
[85] 2015-06-04
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[30] FI (20126282) 2012-12-10

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[54] **COMPOSANTS COMPOSITES POLYMERES POUR TOURS DE TRANSMISSION SANS FIL**
[72] ESSEGHIR, MOHAMED, US
[72] NEESE, BRET P., US
[72] HARRIS, WILLIAM J., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **DEVICE FOR LIMITING ROTATION OF A WHEEL**
[54] **DISPOSITIF SERVANT A LIMITER LA ROTATION D'UNE ROUE**
[72] HANSEN, ROGER, US
[73] HANSEN, ROGER, US
[85] 2015-06-08
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[54] **PLASMA SOURCE**
[54] **SOURCE DE PLASMA**
[72] KRASSNITZER, SIEGFRIED, AT
[72] HAGMANN, JUERG, CH
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[54] **METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL**
[72] PURKIS, DANIEL GEORGE, GB
[72] SMITH, PAUL LINCOLN, US
[72] HARRALL, SIMON JOHN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **BUTTERFLY VENT**
[54] **EVENT PAPILLON**
[72] FARWELL, STEVEN, US
[72] BRAZIER, GEOFFREY, US
[73] FARWELL, STEVEN, US
[73] BRAZIER, GEOFFREY, US
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[54] **SYSTEMES, PROCEDES ET APPAREIL DE SELECTION D'ENTREE AGRICOLE**
[72] SAUDER, TIMOTHY, US
[72] BAURER, PHIL, US
[72] PLATTNER, TROY, US
[73] PRECISION PLANTING LLC, US
[85] 2015-06-18
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[25] EN
[54] **BIOREFINING OF CRUDE TALL OIL**
[54] **BIORAFFINAGE DE TALLOL BRUT**
[72] STIGSSON, LARS, SE
[72] NAYDENOV, VALERI, SE
[72] LUNDBACK, JOHAN, SE
[73] SUNPINE AB, SE
[85] 2015-06-19
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[25] EN
[54] **TRANSMISSION AND RECEPTION OF BROADCAST SYSTEM INFORMATION IN A MOBILE COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION D'INFORMATIONS RELATIVES A UN SYSTEME DE DIFFUSION DANS UN RESEAU DE COMMUNICATION MOBILE**
[72] PETROVIC, DRAGAN, DE
[72] AOYAMA, TAKAHISA, JP
[72] SUZUKI, HIDETOSHI, JP
[73] OPTIS WIRELESS TECHNOLOGY, LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING A SAFETY-CRITICAL DEVICE OVER A NON-SECURE COMMUNICATION NETWORK**
[54] **SYSTEME ET PROCEDE POUR EXPLOITER UN DISPOSITIF CRITIQUE POUR LA SECURITE SUR UN RESEAU DE COMMUNICATION NON SECURISE**
[72] HELLUM, PAL LONGVA, NO
[72] NILSSEN, PER ERIK MOLDSKRED, NO
[72] AUSTAD, ODDGEIR, NO
[73] KONGSBERG DEFENCE & AEROSPACE AS, NO
[85] 2015-06-25
[86] 2014-01-24 (PCT/EP2014/051373)
[87] (WO2014/114736)
[30] NO (20130142) 2013-01-25
[30] US (13/968,550) 2013-08-16

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[25] EN
[54] **SYSTEMS AND METHODS FOR NON-DESTRUCTIVE TESTING USER PROFILES**
[54] **SYSTEMES ET METHODES POUR PROFILS D'UTILISATEURS DE CONTROLE NON DESTRUCTIF**
[72] DOMKE, MICHAEL CHRISTOPHER, US
[72] WARD, ROBERT CARROLL, US
[72] DE FROMONT, FRANCOIS XAVIER, US
[72] MESSINGER, JASON HOWARD, US
[72] SBIHLI, SCOTT LEO, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-06-26
[86] 2013-12-17 (PCT/US2013/075576)
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[25] EN
[54] **ENGINE-EXHAUST-SYSTEM APPARATUS AND PACKAGE-TYPE ENGINE ELECTRIC POWER GENERATOR**
[54] **APPAREIL DE SYSTEME A GAZ D'ECHAPPEMENT D'UN MOTEUR ET GENERATEUR ELECTRIQUE DE MOTEUR DE TYPE INTEGRE**
[72] TERADA, RURIKO, JP
[72] MURAI, SUSUMU, JP
[72] KAWANO, TATSUYA, JP
[73] YANMAR CO., LTD., JP
[85] 2015-06-29
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[30] JP (2013-058230) 2013-03-21

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[25] EN
[54] **LASER DEPOSITION USING A PROTRUSION TECHNIQUE**
[54] **DEPOT AU LASER EN UTILISANT UNE TECHNIQUE A PROTUBERANCE**
[72] DAUM, PETER E., US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2015-06-30
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[54] **CAPACITIVE GESTURE RECOGNITION BOOK**
[54] **LIVRET DE RECONNAISSANCE DE GESTES CAPACITIFS**
[72] NGUYEN, MATHEW LONG, US
[73] HALLMARK CARDS, INCORPORATED, US
[86] (2897300)
[87] (2897300)
[22] 2015-07-14
[30] US (14/516,132) 2014-10-16

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[25] EN
[54] **POLYCYCLIC SUBSTITUTED PYRAZOLE KINASE ACTIVITY INHIBITORS AND USE THEREOF**
[54] **INHIBITEURS DE L'ACTIVITE DE LA PYRAZOLE KINASE POLYCYCLIQUE SUBSTITUEE ET LEUR UTILISATION**
[72] LU, TAO, CN
[72] WANG, YUE, CN
[72] CHEN, YADONG, CN
[72] LU, YI, CN
[72] WANG, ZHANWEI, CN
[72] JIN, QIAOMEI, CN
[72] YANG, TAOTAO, CN
[72] LIN, GUOWU, CN
[72] GUO, QINGLONG, CN
[72] ZHAO, LI, CN
[73] SHANGHAI FOSUN PHARMACEUTICAL DEVELOPMENT CO., LTD., CN
[85] 2015-07-07
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[25] EN
[54] **SIMULTANEOUS SHOOTING NODAL ACQUISITION SEISMIC SURVEY METHODS**
[54] **PROCEDES DE RELEVE SISMIQUE PAR ACQUISITION NODALE AVEC DES TIRS SIMULTANES**
[72] RAY, CLIFFORD H., US
[72] MARC, ETIENNE, US
[72] THOMPSON, JAMES NELSON, US
[73] FAIRFIELD INDUSTRIES INCORPORATED, US
[85] 2015-07-06
[86] 2014-01-07 (PCT/US2014/010472)
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[30] US (13/829,210) 2013-03-14

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[25] EN
[54] **SYSTEM AND METHOD FOR ENERGY RATE BALANCING IN HYBRID AUTOMATIC TRANSMISSIONS**
[54] **SYSTEME ET PROCEDE D'EQUILIBRAGE DE DEBIT D'ENERGIE DANS DES TRANSMISSIONS AUTOMATIQUES HYBRIDES**
[72] WEST, STEPHEN T., US
[72] RUNDE, JEFFREY K., US
[72] KRESSE, JOHN P., US
[73] ALLISON TRANSMISSION, INC., US
[85] 2015-07-15
[86] 2014-03-05 (PCT/US2014/020499)
[87] (WO2014/149710)
[30] US (61/786,669) 2013-03-15

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[54] **GAS DIFFUSION ELECTRODE**
[54] **ELECTRODE DE TRANSPORISATION**
[72] MULLER, ULRICH, DE
[73] MELICON GMBH, DE
[86] (2898533)
[87] (2898533)
[22] 2015-07-30
[30] EP (14181052.3) 2014-08-14

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[51] **Int.Cl. F27B 3/08 (2006.01) F27D 11/10 (2006.01) H05B 7/10 (2006.01) H05B 7/105 (2006.01)**
[25] FR
[54] **CONTACT PLATE FOR AN ELECTRODE OF AN ELECTRO-METALLURGICAL FURNACE AND METHOD FOR PRODUCING SUCH A PLATE**
[54] **PLAQUE DE CONTACT POUR ELECTRODE DE FOUR D'ELECTRO-METALLURGIE ET PROCEDE POUR LA FABRICATION D'UNE TELLE PLAQUE**
[72] ROCHE, CHRISTIAN, CH
[73] FAI PRODUCTION, FR
[85] 2015-07-21
[86] 2014-01-28 (PCT/EP2014/051578)
[87] (WO2014/118147)
[30] FR (1350717) 2013-01-29

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[25] EN
[54] **SYSTEMS AND METHODS FOR SHUNTING FLUID**
[54] **SYSTEMES ET PROCEDES DE DERIVATION DE FLUIDE**
[72] ANAND, PJ, US
[72] SINGH, DEEP ARJUN, US
[72] BROPHY, MORGAN, US
[72] FALLON, TIMOTHY, US
[72] DEGON, ROBERT, US
[72] ATTAR, MATTHEW, US
[72] WONG, ANTHONY, US
[72] WALLER, ALLISON, US
[72] EAST, ANDREW, US
[72] MCINTYRE, JON T., US
[73] ANUNCIA, INC., US
[85] 2015-07-21
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[30] US (61/755,018) 2013-01-22

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[51] **Int.Cl. A47B 21/013 (2006.01) A47B 83/02 (2006.01)**
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[54] **WORKSTATION HAVING AUTOMATED AND POWERED HEIGHT, DEPTH AND ROTATIONAL ADJUSTERS**
[54] **POSTE DE TRAVAIL COMPORTANT DES DISPOSITIFS DE REGLAGE DE HAUTEUR ET DE PROFONDEUR ROTATIFS, AUTOMATISES ET MOTORISES**
[72] BLACK, NANCY LEE, CA
[72] DESROCHES, LEON, CA
[73] BLACK, NANCY LEE, CA
[73] DESROCHES, LEON, CA
[85] 2015-07-24
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[30] US (13/750,308) 2013-01-25
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[25] EN
[54] **ARTICLE FOR BUNDLING ITEMS TOGETHER**
[54] **ARTICLE POUR ENLIASSAGE DES ARTICLES ENTRE EUX**
[72] WINTZ, TREVOR, US
[72] SCHILLER, DAVID, US
[73] BEDFORD INDUSTRIES, INC., US
[85] 2015-07-23
[86] 2014-03-11 (PCT/US2014/023071)
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[30] US (61/784,458) 2013-03-14

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[25] EN
[54] **FERTILIZER COMPOSITION AND METHOD FOR SUSPENDING FERTILIZER IN AN AQUEOUS SOLUTION**
[54] **COMPOSITION D'ENGRAIS ET PROCEDE DE SUSPENSION DE L'ENGRAIS DANS UNE SOLUTION AQUEUSE**
[72] KAISER, JAMES PARKER, US
[73] BFP MANAGEMENT, LLC, US
[85] 2015-07-24
[86] 2014-01-28 (PCT/US2014/013383)
[87] (WO2014/117147)
[30] US (61/757,675) 2013-01-28
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[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SIEVE BOX AND ADJUSTABLE NOZZLE ASSEMBLY**
[54] **BOITE A TAMIS ET ENSEMBLE BUSE AJUSTABLE**
[72] FLANSBURG, CHARLES H., US
[72] EKHOLM, MICHAEL RICHARD, US
[72] DEHN, STEVEN DOUGLAS, US
[72] BRABEC, DEAN, US
[72] PIEROTTI, MICHAEL HANS, US
[73] AQSEPTENCE GROUP, INC., US
[85] 2015-07-28
[86] 2014-01-29 (PCT/US2014/013498)
[87] (WO2014/120712)
[30] US (61/758,186) 2013-01-29

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETECTING MUTATIONS IN THE HUMAN PI3KCA (PIK3CA) GENE**
[54] **PROCEDES ET COMPOSITIONS POUR LA DETECTION DE MUTATIONS DANS LE GENE PI3KCA HUMAIN (PIK3CA)**
[72] TSAN, ALISON, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-07-29
[86] 2014-03-12 (PCT/EP2014/054766)
[87] (WO2014/140061)
[30] US (61/780,017) 2013-03-13

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[25] EN
[54] **ENDLESS BELT ENERGY CONVERTER**
[54] **CONVERTISSEUR D'ENERGIE A COURROIE SANS FIN**
[72] SIEBER, JOSEPH, CA
[73] SIEBER, JOSEPH, CA
[85] 2015-07-31
[86] 2013-02-15 (PCT/CA2013/050116)
[87] (WO2013/120203)
[30] US (61/599,933) 2012-02-17

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[54] **GYRATORY CRUSHER SPIDER ARM SHIELD**
[54] **DISPOSITIF DE PROTECTION DE BRAS RADIAL DE CONCASSEUR GIRATOIRE**
[72] BERGMAN, AXEL, SE
[72] LARSSON, MIKAEL M., SE
[72] MALMQVIST, PATRIC, SE
[72] ERIKSSON, BENGT-ARNE, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[51] **Int.Cl. A63H 13/10 (2006.01) A63H 17/00 (2006.01) F41B 7/08 (2006.01)**
[25] EN
[54] **SHOOTING TOY**
[54] **JOUET DE TIR**
[72] GARLING, ASKE KLEJNSTRUP, DK
[73] LEGO A/S, DK
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[86] 2014-03-12 (PCT/EP2014/054840)
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[25] FR
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[54] **VEHICULE AUTOMOBILE ROUTIER ATTELABLE**
[72] CERVANTES, VALERY, FR
[72] LABORDE, JEROME, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[73] METACAR TRANSPORT SYSTEMS, FR
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[87] (WO2014/135310)
[30] FR (1352128) 2013-03-08

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[25] EN
[54] **DEVICE AND METHOD FOR THE DETECTION OF TARGET ENTITIES**
[54] **DISPOSITIF ET METHODE POUR LA DETECTION D'ENTITES CIBLES**
[72] TRAU, MATT, AU
[72] SHIDDIKY, MUHAMMAD JOHIRUL ALAM, AU
[72] RAUF, SAKANDAR, AU
[72] PUDHUKODE VAIDYANATHAN, RAMANATHAN, AU
[73] THE UNIVERSITY OF QUEENSLAND, AU
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[25] EN
[54] **DUAL/MULTI ENERGY GAS WATER HEATER**
[54] **CHAUFFE-EAU AU GAZ BIENERGIE/MULTIENERGIE**
[72] LESAGE, CLAUDE, CA
[73] MICLAU-S.R.I. INC., CA
[86] (2901659)
[87] (2901659)
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[51] **Int.Cl. A61M 39/24 (2006.01)**
[25] EN
[54] **NEEDLELESS CONNECTOR WITH SUPPORT MEMBER**
[54] **RACCORD SANS AIGUILLE AYANT UN ELEMENT DE SUPPORT**
[72] YEH, JONATHAN, US
[72] ZOLLINGER, CHRISTOPHER J., US
[72] MANSOUR, GEORGE MICHEL, US
[72] QUACH, MATTHEW, US
[73] CAREFUSION 303, INC., US
[85] 2015-08-18
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[30] US (13/829,187) 2013-03-14

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[51] **Int.Cl. A63B 59/00 (2015.01) A63B 59/50 (2015.01)**
[25] EN
[54] **SPORTING-GOOD IMPLEMENT WITH ROTATABLE HANDLE**
[54] **ACCESSOIRE DE SPORT DOTE D'UN MANCHE ROTATIF**
[72] LONG, KEENAN, US
[72] CHAUVIN, DEWEY, US
[72] SNOW, MICHAEL LLOYD, US
[72] MONTGOMERY, IAN, US
[72] DAVIS, STEPHEN J., US
[73] EASTON DIAMOND SPORTS, LLC, US
[85] 2015-08-21
[86] 2014-03-10 (PCT/US2014/022802)
[87] (WO2014/164559)
[30] US (13/795,916) 2013-03-12
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[13] C
[51] **Int.Cl. A61M 31/00 (2006.01) A61J 7/00 (2006.01) B65D 83/06 (2006.01)**
[25] EN
[54] **BIOMATERIAL DELIVERY DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE BIOMATERIAU**
[72] SHERMAN, ETHAN G., US
[72] FRIEND, MATTHEW J., US
[72] BERMAN, PHILLIP J., US
[73] MEDTRONIC XOMED, INC., US
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[72] CARMINE, CHRISTOPHER STEPHEN, US
[73] CRANE PAYMENT INNOVATIONS, INC., US
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[54] **OUTIL DE CREUSAGE**
[72] NAKAMURA, KAZUYOSHI, JP
[72] OTA, HIROSHI, JP
[73] MITSUBISHI MATERIALS CORPORATION, JP
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[54] **RIBBED FILM STRUCTURES WITH VOIDING AGENT CREATED VISUAL CHARACTERISTICS**
[54] **STRUCTURES DE FILM NERVURE COMPORTANT DES CARACTERISTIQUES VISUELLES CREEES PAR UN AGENT DE FORMATION DE VIDES**
[72] BORCHARDT, MICHAEL G., US
[72] FISH, THEODORE J., US
[72] CISEK, KENNETH, US
[72] DORSEY, ROBERT T., US
[73] THE GLAD PRODUCTS COMPANY, US
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[54] **EMBRAYAGE DE DERIVATION DE VARIATEUR**
[72] RASZKOWSKI, JAMES A., US
[72] TURNER, JEREMY A., US
[72] POHL, BRAD PHILIP, US
[73] ALLISON TRANSMISSION, INC., US
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[73] AIRBUS OPERATIONS GMBH, DE
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[54] **METHOD FOR SEPARATING CELLS USING IMMUNOROSETTES AND MAGNETIC PARTICLES**
[54] **PROCEDE DE SEPARATION DE CELLULES A L'AIDE DE ROSETTES IMMUNES ET DE PARTICULES MAGNETIQUES**
[72] KOKAJI, ANDY ISAMU, CA
[73] STEMCELL TECHNOLOGIES INC., CA
[85] 2015-09-14
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[54] **COMPOSITIONS AND METHODS FOR OBTAINING ENRICHED MESENCHYMAL STEM CELL CULTURES**
[54] **COMPOSITIONS ET PROCEDES POUR OBTENIR DES CULTURES DE CELLULES SOUCHES MESENCHYMATEUSES ENRICHIES**
[72] SHORT, BRENTON JOHN, AU
[72] DURONIO, CHRISTOPHER, CA
[73] STEMCELL TECHNOLOGIES INC., CA
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[54] **METHODS FOR MAKING CYTOKINE COMPOSITIONS FROM TISSUES USING NON-CENTRIFUGAL METHODS**
[54] **PROCEDES DE FABRICATION DE COMPOSITIONS DE CYTOKINE A PARTIR DE TISSUS A L'AIDE DE PROCEDES NON-CENTRIFUGES**
[72] LEACH, MICHAEL D., US
[72] WOODELL-MAY, JENNIFER E., US
[72] HIGGINS, JOEL C., US
[72] O'SHAUGHNESSEY, KRISTA, US
[73] BIOMET BIOLOGICS, LLC, US
[85] 2015-09-14
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[54] **TERNARY CERAMIC THERMAL SPRAYING POWDER AND COATING METHOD**
[54] **POUDRE DE PULVERISATION THERMIQUE DE CERAMIQUE TERNAIRE ET PROCEDE DE REVETEMENT**
[72] VOGLI, EVELINA, US
[72] SHERMAN, ANDREW J., US
[72] GLASGOW, CURTIS P., US
[73] HYBRID MATERIALS LLC, US
[85] 2015-09-14
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[25] EN
[54] **MEDICAL DEVICE CURVING APPARATUS, SYSTEM, AND METHOD OF USE**
[54] **APPAREIL, SYSTEME ET PROCEDE DE COURBURE DE DISPOSITIF MEDICAL**
[72] ARMOUR, ANDREW W., US
[72] GALLO, WILLIAM, US
[72] HABERLAND, KAREN L., US
[72] WALDIE, CYNTHIA L., US
[72] WALDIE, CLAYTON W., US
[73] ARMOUR TECHNOLOGIES, INC., US
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[25] EN
[54] **MOLDING APPARATUS**
[54] **APPAREIL DE MOULAGE**
[72] KOGA, SHOTARO, JP
[72] URAKAWA, TETSUYA, JP
[72] MASAKA, TAKESHI, JP
[72] KURANO, YOSHIHIRO, JP
[72] WATANABE, SHIGERU, JP
[72] SHIMAZOE, TOSHIHIRO, JP
[73] NOK CORPORATION, JP
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[54] **VACCIN CONJUGUE DE PEPTIDE D'ANTIGENE WT1**
[72] LI, CHIANG JIA, US
[72] BAN, HITOSHI, JP
[72] NISHIO, YUKIHIRO, JP
[72] GOTO, MASASHI, JP
[72] NISHIHARA, TOSHIO, JP
[72] TAKANASHI, YOSUKE, JP
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[73] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
[85] 2015-09-21
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[54] **UNIT AND METHOD FOR FILLING CONTAINING ELEMENTS OF SINGLE-USE CAPSULES FOR EXTRACTION OR INFUSION BEVERAGES**
[54] **UNITE ET PROCEDE POUR REMPLIR DES ELEMENTS DE CONFINEMENT DE CAPSULES A USAGE UNIQUE POUR L'EXTRACTION OU L'INFUSION DE BOISSONS**
[72] RUBBI, EMANUELE, IT
[72] CASTELLARI, PIERLUIGI, IT
[72] REA, DARIO, IT
[73] I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A., IT
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[54] **URINOIR REPLIABLE MURAL CACHE**
[72] MCINTYRE, MITCHELL REX, AU
[73] ADVANCED GLOBAL INNOVATIONS PTY. LTD., AU
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[54] **SOC A DISQUE DOUBLE**
[72] GEBBEKEN, MARTIN, DE
[72] WERRIES, DIETER, DE
[72] PAESSENS, CHRISTIAN, DE
[72] LUKAS, THOMAS, DE
[72] BERENDSEN, MARK, NL
[72] GOTZEN, CHRISTIAN, DE
[72] GERAATS, MARCEL, DE
[72] BERGERFURTH, DENNIS, DE
[73] LEMKEN GMBH & CO. KG, DE
[85] 2015-10-23
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[54] **CARTON POUR ARTICLES**
[72] SPIVEY, RAYMOND R., SR., US
[72] SUTHERLAND, ROBERT L., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2015-10-30
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[54] **DRILLING RIG ROD HANDLING APPARATUS**
[54] **APPAREIL DE MANIPULATION D'UNE TIGE D'APPAREIL DE FORAGE**
[72] JELGERT, JOHAN, SE
[72] LARSSON, LARS-ERIK, SE
[72] VILEN, PER, SE
[72] EVERMARK, KENT, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **AN ELECTRICITY METER AND AN INSULATING CARRIER FOR A SENSOR COMPONENT OF AN ELECTRICITY METER**
[54] **COMPTEUR D'ELECTRICITE ET SUPPORT ISOLANT POUR COMPOSANT DE CAPTEUR DE COMPTEUR D'ELECTRICITE**
[72] DAMES, ANDREW, GB
[72] DAVIDSON, ROBERT, GB
[72] COLBY, EDWARD, GB
[73] SENTEC LTD, GB
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[25] EN
[54] **POWER DELIVERY SYSTEM FOR PROVIDING POWER TO SENSOR HEAD OF PAPER MACHINE OR OTHER SYSTEM**
[54] **SYSTEME DE DELIVRANCE DE COURANT PERMETTANT D'APPLIQUER DU COURANT A UNE TETE DE CAPTEUR D'UNE MACHINE A PAPIER OU D'UN AUTRE SYSTEME**
[72] ANDRONIC, CRISTIAN, US
[72] WARDAS, MICHAEL J., US
[72] AUSTIN, JEFFREY D., US
[72] BESELT, RONALD E., US
[72] HEATH, STUART JAMES, US
[72] HUMBLE, BRADLEY, US
[73] HONEYWELL LIMITED, CA
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[54] **VIAL ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES DE FLACON**
[72] GUALA, GIANNI, IT
[73] INDUSTRIE BORLA S.P.A., IT
[85] 2015-11-26
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[54] **SURGICAL HEART VALVES IDENTIFIABLE POST-IMPLANT**
[54] **VALVULES CARDIAQUES IDENTIFIABLES APRES LA MISE EN PLACE**
[72] GUTTENBERG, JESSICA, US
[72] CHANG, DA-YU, US
[72] JOHNSON, DERRICK, US
[72] CONKLIN, BRIAN S., US
[72] ZENG, QUINGGANG, US
[72] HOWANEC, MYRON, JR., US
[72] KIM, GRACE MYONG, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **PROSTAGLANDINS, THEIR INTERMEDIATES AND PROCESSES FOR THEIR PREPARATION**
[54] **PROSTAGLANDINES, LEURS INTERMEDIAIRES ET PROCEDES POUR LEUR PREPARATION**
[72] AGGARWAL, VARINDER KUMAR, GB
[72] COULTHARD, MARK GRAEME, GB
[72] ERB, WILLIAM, GB
[73] TOPOKINE THERAPEUTICS, INC., US
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[54] **PROTECTIVE WALL FOR PROTECTING PERSONS FROM TRAVELLING RAIL VEHICLES**
[54] **PAROI DE PROTECTION POUR LA PROTECTION DE PERSONNES DE VEHICULES FERROVIAIRES EN CIRCULATION**
[72] LIEBER, CHRISTOPH, CH
[73] LIEBER, CHRISTOPH, CH
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[54] **DEVICE FOR SINKING A SHAFT AND METHOD FOR SINKING A SHAFT**
[54] **DISPOSITIF POUR CREUSER UN PUITS ET PROCEDE POUR CREUSER UN PUITS**
[72] BURGER, WERNER, DE
[73] HERRENKNECHT AKTIENGESELLSCHAFT, DE
[85] 2015-12-21
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[54] **CONVERSION OF NATURAL GAS TO LIQUID FORM USING A ROTATION/SEPARATION SYSTEM IN A CHEMICAL REACTOR**
[54] **CONVERSION DE GAZ NATUREL EN FORME LIQUIDE AU MOYEN D'UN MECANISME DE ROTATION/SEPARATION DANS UN REACTEUR CHIMIQUE**
[72] WONG, ALFRED Y., US
[73] WONG, ALFRED Y., US
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[25] EN
[54] **AUDIO ENCODER, AUDIO DECODER, METHODS AND COMPUTER PROGRAM USING JOINTLY ENCODED RESIDUAL SIGNALS**
[54] **ENCODEUR AUDIO, DECODEUR AUDIO, PROCEDES ET PROGRAMME D'ORDINATEUR UTILISANT DES SIGNAUX RESIDUELS ENCODES CONJOINTEMENT**
[72] DICK, SASCHA, DE
[72] ERTEL, CHRISTIAN, DE
[72] HELMRICH, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[72] HOLZER, ANDREAS, DE
[72] KUNTZ, ACHIM, DE
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[54] **SUBMERGED COMBUSTION MELTERS AND METHODS**
[54] **POTS DE FUSION ET PROCEDES A COMBUSTION IMMERGEE**
[72] DEMOTT, JERRY, BE
[72] MAROLT, BOSTJAN, BE
[72] ETZKORN, RANDY, BE
[72] DUCARME, DAVID, BE
[73] KNAUF INSULATION, BE
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[54] **SYSTEME POUR LA CONFIGURATION D'UN DETECTEUR PORTATIF**
[72] MANNESCHI, ALESSANDRO, IT
[73] COSTRUZIONI ELETTRONICHE INDUSTRIALI AUTOMATISMI S.P.A. C.E.I.A. S.P.A., IT
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[54] **CADRE D'APPLICATION UNIFIE POUR MODELISATION EN DIFFERENCE FINIE**
[72] CHARLESWORTH, OLIVER, US
[72] NEMETH, TAMAS, US
[72] PELL, OLIVER, US
[72] JOHNSEN, THOR, US
[72] AKERBERG, PEETER, US
[73] CHEVRON U.S.A. INC., US
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[51] **Int.Cl. G06T 7/30 (2017.01)**
[25] EN
[54] **LINE-BASED IMAGE REGISTRATION AND CROSS-IMAGE ANNOTATION DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'ENREGISTREMENT D'IMAGES EN LIGNES ET D'ANNOTATION SUR IMAGES**
[72] CHUKKA, SRINIVAS, US
[72] SARKAR, ANINDYA, US
[72] YUAN, QUAN, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2016-02-04
[86] 2014-09-30 (PCT/EP2014/070927)
[87] (WO2015/049233)
[30] US (61/885,024) 2013-10-01

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[51] **Int.Cl. H04L 9/32 (2006.01) G06F 3/0481 (2013.01) G06F 21/36 (2013.01)**
[25] EN
[54] **METHOD FOR PRODUCING DYNAMIC DATA STRUCTURES FOR AUTHENTICATION AND/OR PASSWORD IDENTIFICATION**
[54] **PROCEDE DE PRODUCTION DE STRUCTURES DE DONNEES DYNAMIQUES POUR L'AUTHENTIFICATION ET / OU L'IDENTIFICATION PAR MOT DE PASSE**
[72] NATIVIDAD, ALEJANDRO V., US
[73] NATIVIDAD, ALEJANDRO V., US
[85] 2016-02-23
[86] 2013-08-23 (PCT/US2013/056458)
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[30] US (13/593,287) 2012-08-23

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[25] EN
[54] **APPARATUS FOR DISTRIBUTING A MIXED FLUID AND APPARATUS FOR DISTRIBUTING BULK MATERIAL**
[54] **APPAREIL DE REPARTITION D'UN MELANGE DE FLUIDES ET APPAREIL DE REPARTITION D'UN PRODUIT EN VRAC**
[72] BLOCK, KARL-HEINZ, DE
[72] KRAMPE, PAUL, DE
[72] HERTWIG, MARTIN, DE
[73] HUGO VOGELSANG MASCHINENBAU GMBH, DE
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[54] **MONTAGE ET DEMONTAGE DE MANEGES MOBILES**
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[54] **PLANCHE DE CONSTRUCTION ET PROCEDE DE FABRICATION ASSOCIE**
[72] KOBAYASHI, EIJIRO, JP
[72] SAWADA, KOJI, JP
[73] NICHIHA CORPORATION, JP
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[54] **POMPE A ENGRENAGES INTERNE HAUTE VITESSE**
[72] MEYER, SCOTT M., US
[72] TIMM, EMILY P., US
[72] MIHM, CHRISTOPHER J., US
[72] THOMPSON, NICOLAS V., US
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[54] **METHOD AND SYSTEM FOR ASSEMBLING AND INSTALLING A WIRE BUNDLE ASSEMBLY GROUP**
[54] **METHODE ET SYSTEME D'ASSEMBLAGE ET D'INSTALLATION D'UN GROUPE D'ENSEMBLE DE FAISCEAUX DE CABLES**
[72] MOHLMAN, SHAWN D., US
[72] LIVINGSTON, BRET H., US
[72] TRUONG, TINH V., US
[72] BLACKEN, LARS E., US
[73] THE BOEING COMPANY, US
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[54] **DISPOSITIF INTRA-UTERIN A ELUTION D'ION DE CUIVRE REGULEE**
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[72] RUSSELL, SCOTT M., US
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[54] **GALACTOSE-PRONGED CARBOHYDRATE COMPOUNDS FOR THE TREATMENT OF DIABETIC NEPHROPATHY AND ASSOCIATED DISORDERS**
[54] **COMPOSES DE GLUCIDES A FACETTES GALACTOSE POUR LE TRAITEMENT DE LA NEPHROPATHIE DIABETIQUE ET AUTRES TROUBLES ASSOCIES**
[72] TRABER, PETER G., US
[72] ZOMER, ELIEZER, US
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[54] **FASTENER INSTALLATION IN COMPOSITE PANELS WITH FASTENER INSERT**
[54] **INSTALLATION DE FIXATION DANS LES PANNEAUX EN COMPOSITE DOTES D'UNE INSERTION POUR FIXATION**
[72] BRADLEY, JAMES S., US
[72] LEWIS, MICHAEL S., US
[72] REEVES, BRAD J., US
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[73] SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC, US
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[54] **MODULE DE MICRO-BARRE DE GOUVERNAIL**
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[54] **CONNECTEUR DE FAISCEAU AUTOMOBILE A AUTO-REJECTION**
[72] KENNEDY, ADAM, US
[72] OKUDA, KATSUMASA, US
[72] LETOURNEAU, GUY, US
[72] DAMODHARAN, KASTHURI SANKAR, US
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[54] **APPAREIL ET PROCEDE DE MEDICAMENT**
[72] FRASER, JOHN FRANCIS, AU
[72] GREGORY, SHAUN DAVID, AU
[73] DE MOTU CORDIS PTY. LTD., AU
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[54] **ENTONNOIR DE CHARGEMENT A FENTE POUR CHARGER UNE PARAISON DE VERRE FONDU DANS UN MOULE D'EBAUCHE**
[72] FLYNN, ROBIN L., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
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[54] **PROCEDE DE REALISATION D'UNE TOLE A REVETEMENT ZNALMG AVEC UN ESSORAGE OPTIMISE ET TOLE CORRESPONDANTE**
[72] MATAIGNE, JEAN-MICHEL, FR
[73] ARCELORMITTAL, LU
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[54] **METHOD FOR REPELLING RODENTS**
[54] **PROCEDE POUR REPOUSSER DES RONGEURS**
[72] BALLINGER, KENNETH E., JR., US
[72] WERNER, SCOTT JOHN, US
[73] ARKION LIFE SCIENCES, LLC, US
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[54] **METHOD OF PRODUCING AN ORDERED STACK OF BOUND PRE-PRINTED PRODUCT INFORMATION SHEETS FOR A STORE FROM PLANOGRAM OR ORDERED DATA**
[54] **PROCEDE PERMETTANT DE PRODUIRE, A PARTIR D'UN PLANOGRAMME OU DE DONNEES ORDONNEES, UNE PILE ORDONNEE DE FEUILLES D'INFORMATIONS SUR DES PRODUITS PREIMPRIMEES, ASSEMBLEES ET DESTINEES A UN MAGASIN**
[72] DALE, ERNEST JAMES, US
[72] JIRON, JAMES FERNANDO, US
[72] DESMET, JOHN PATRICK, US
[72] ROWELL, NATHAN ANDREW, US
[73] INFORMATION PLANNING AND MANAGEMENT SERVICE INC., US
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[54] **INSTALLATION BRACKET FOR USE WITH PRE-HUNG INTERIOR AND EXTERIOR DOORS, AND WINDOWS**
[54] **SUPPORT D'INSTALLATION DESTINE A DES PORTES INTERIEURES ET EXTERIEURES PRESUSPENDUES, ET DES FENETRES**
[72] DUVAL, MICHEL ALPHONSE, CA
[72] DUVAL, ROBERTA ANNE, CA
[73] DUVAL, MICHEL ALPHONSE, CA
[73] DUVAL, ROBERTA ANNE, CA
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[54] **METHODS AND SYSTEMS FOR REDUCING THE LIKELIHOOD OF FALSE POSITIVE DECODES**
[54] **PROCEDES ET SYSTEMES DE REDUCTION DE LA PROBABILITE DE FAUX POSITIFS DE DECODAGE**
[72] VANHALL, RICHARD C., US
[73] LOCKHEED MARTIN CORPORATION, US
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[54] **RECIPIENT DE LIQUIDE A EVENT**
[72] BERKOVITCH, AMIKAM, IL
[73] T.T.Y. GENERAL TRADE LINES LTD., IL
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[54] **NOVEL POLYSACCHARIDE AND USES THEREOF**
[54] **NOUVEAU POLYSACCHARIDE ET UTILISATIONS ASSOCIEES**
[72] KOWARIK, MICHAEL T., CH
[72] WETTER, MICHAEL L., CH
[72] KEMMLER, STEFAN J., CH
[72] HAUPTLE, MICHA A., CH
[72] GAMBILLARA, VERONICA, CH
[72] MALLY, MANUELA, CH
[73] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
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[72] DAHL, PER JUUL, DK
[72] CHRISTENSEN, THOMAS SANDAHL, DK
[73] HALDOR TOPSOE A/S, DK
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[54] **OPTICAL DEVICE WITH TUNABLE OPTICAL WAVELENGTH SELECTIVE CIRCUIT**
[54] **DISPOSITIF OPTIQUE A CIRCUIT OPTIQUE ACCORDABLE SELECTIF EN LONGUEUR D'ONDE**
[72] MENARD, FRANCOIS, CA
[72] BERARD, MARTIN, CA
[73] AEPONYX INC., CA
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[54] **METHODS OF RESOLVING ARTIFACTS IN HADAMARD-TRANSFORMED DATA**
[54] **PROCEDES DE RESOLUTION D'ARTEFACTS DANS DES DONNEES AYANT SUBIES UNE TRANSFORMATION DE HADAMARD**
[72] CROWELL, KEVIN L., US
[72] PROST, SPENCER A., US
[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **METHODS AND SYSTEM FOR WAVELENGTH TUNABLE OPTICAL COMPONENTS AND SUB-SYSTEMS**
[54] **PROCEDES ET SYSTEME POUR COMPOSANTS OPTIQUES POUVANT ETRE ACCORDES EN LONGUEUR D'ONDE ET SOUS-SYSTEMES**
[72] MENARD, FRANCOIS, CA
[72] MENARD, MICHAEL, CA
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[72] BERARD, MARTIN, CA
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[54] **PIGMENTS MICROENCAPSULES DE PETITE ECHELLE ET LEURS UTILISATIONS**
[72] CLAYTON, TERRILL SCOTT, US
[72] OWEN, TIMOTHY J., US
[72] SMALL, LYLE, US
[73] CHROMATIC TECHNOLOGIES INC., US
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[54] **SYSTEM AND METHODS OF TRIM DEWAXING DISTILLATE FUELS**
[54] **SYSTEME ET PROCEDES DE DEPARAFFINAGE DE COMBUSTIBLES DE DISTILLAT**
[72] HANKS, PATRICK L., US
[72] LEWIS, WILLIAM ERNEST, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **AIRCRAFT WING FAIRING DRIVE ASSEMBLY, SYSTEM, AND METHOD**
[54] **MECANISME D'ENTRAINEMENT DE CARENAGE D'AILE D'AERONEF, SYSTEME ET METHODE**
[72] OSBORN, MATTHEW JAMES, US
[72] SAKURAI, SEIYA, US
[72] CLARK, BENJAMIN A., US
[72] PENN, STEVEN C., US
[73] THE BOEING COMPANY, US
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[30] JP (2014-072464) 2014-03-31
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[54] **DISPOSITIF DE PERFUSION DE FLUIDE**
[72] COLE, RUSSELL, US
[72] CREIGHTON, MICHAEL, US
[72] JACKSON, ALYSSA, US
[72] KLOTZ, ARTHUR, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **PRODUCTION DE SUCRES FERMENTESCIBLES ET DE LIGNINE A PARTIR DE BIOMASSE A L'AIDE DE FLUIDES SUPERCRITIQUES**
[72] KILAMBI, SRINIVAS, US
[72] KADAM, KIRAN L., US
[73] RENMATIX, INC., US
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[54] **NUAGES DE POINTS 3D**
[72] BOYLE, ADRIAN, IE
[72] FLYNN, MICHAEL, IE
[73] CATHX RESEARCH LTD, IE
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[54] **SYSTEMS AND METHODS FOR PROVIDING AIRPLANE PERFORMANCE CALCULATIONS**
[54] **SYSTEMES ET METHODES PERMETTANT DE FOURNIR DES CALCULS DE RENDEMENT D'UN AERONEF**
[72] KIM, GEUN, II, US
[72] ALCANTARA, ROY S., US
[72] MALDONADO, CHRISTIE M., US
[72] MOSKALIK, STEVEN J., US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **COVER ASSEMBLIES, KITS AND METHODS FOR COVERING ELECTRICAL CABLES AND CONNECTIONS**
[54] **ENSEMBLES ENVELOPPE, NECESSAIRES ET PROCEDES POUR COUVRIR DES CABLES ET CONNEXIONS ELECTRIQUES**
[72] DINU, DANIEL, CA
[72] YAWORSKI, HARRY, US
[72] KENNEDY, SEAN, US
[72] SERAJ, MAHMOUD, US
[73] TYCO ELECTRONICS CORPORATION, US
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[54] **DETERMINATION D'ETAT DE RECEPTACLES**
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[72] TURNER, JAKE, GB
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[73] SMITH & NEPHEW PLC, GB
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[54] **EARTH BORING SYSTEMS AND METHODS WITH INTEGRAL DEBRIS REMOVAL**
[54] **SYSTEME DE FORAGE DE TERRE ET METHODE INTEGRANT LE RETRAIT COMPLET DES DEBRIS**
[72] FENWICK, MATTHEW E., US
[73] AMERICAN PILEDRIVING EQUIPMENT, INC., US
[86] (2948794)
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[54] **NEW MUTATED HYDROXYPHENYLPYRUVATE DIOXYGENASE, DNA SEQUENCE AND ISOLATION OF PLANTS WHICH ARE TOLERANT TO HPPD INHIBITOR HERBICIDES**
[54] **NOUVELLE HYDROXYPHENYLPYRUVATE DISOXYGENASE MUTEE, SEQUENCE D'ADN ET ISOLEMENT DE PLANTES QUI SONT TOLERANTES A DES HERBICIDES INHIBITEURS DE HPPD**
[72] BUSCH, MARCO, DE
[72] FISCHER, KERSTIN, DE
[72] LABER, BERND, DE
[72] SAILLAND, ALAIN, FR
[73] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
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[54] **GUIDE SYSTEMS AND METHODS FOR DIESEL HAMMERS**
[54] **SYSTEMES GUIDES ET METHODES DESTINES A DES MOUTONS DIESEL**
[72] CRESS, STEVEN N., US
[73] AMERICAN PILEDRIVING EQUIPMENT, INC., US
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[54] **SYSTEMS AND METHODS TO PREVENT AN AIRCRAFT FROM TAIL CONTACT WITH THE GROUND**
[54] **SYSTEMES ET METHODES VISANT A EMPECHER UN AERONEF DE FAIRE UN CONTACT DE QUEUE AU SOL**
[72] EGGOLD, DAVID P., US
[72] FLANZER, TRISTAN C., US
[73] THE BOEING COMPANY, US
[86] (2951908)
[87] (2951908)
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[54] **DEVICE, COMPUTER-READABLE MEDIUM, AND METHOD FOR RETAINING SERVICES USING ADVANCED DATA COLLECTION CAPABILITIES**
[54] **DISPOSITIF, SUPPORT LISIBLE PAR ORDINATEUR ET PROCEDE POUR RETENIR DES SERVICES A L'AIDE DE CAPACITES AVANCEES DE COLLECTE DE DONNEES**
[72] JAHR, CHRISTOPH, US
[73] GIESECKE+DEVRIENT MOBILE SECURITY AMERICA, INC., US
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[54] **MICROFLUIDIC DEVICE WITH DEGASSING MEMBRANE AND OPTICAL MEASUREMENT CHAMBER**
[54] **PUCE MICROFLUIDIQUE AVEC MEMBRANE DE DEGAZAGE ET CHAMBRE DE MESURE OPTIQUE**
[72] CHEN, DAFENG, US
[72] RASMUSSEN, JAMES E., US
[72] DESHPANDE, MANISH, US
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2016-12-14
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[25] EN
[54] **SYSTEMS AND METHODS FOR SIGNALING INFORMATION FOR LAYER SETS IN A PARAMETER SET**
[54] **SYSTEMES ET PROCEDES POUR SIGNALER DES INFORMATIONS POUR DES ENSEMBLES DE COUCHES DANS UN ENSEMBLE DE PARAMETRES**
[72] WANG, YE-KUI, US
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-12-14
[86] 2015-06-19 (PCT/US2015/036611)
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[25] EN
[54] **METHODS AND SYSTEMS FOR CREATING VIRTUAL AND AUGMENTED REALITY**
[54] **PROCEDES ET SYSTEMES DE CREATION D'UNE REALITE VIRTUELLE ET D'UNE REALITE AUGMENTEE**
[72] BRADSKI, GARY R., US
[72] MILLER, SAMUEL A., US
[72] ABOVITZ, RONY, US
[73] MAGIC LEAP, INC., US
[85] 2016-12-21
[86] 2015-06-13 (PCT/US2015/035718)
[87] (WO2015/192117)
[30] US (62/012,273) 2014-06-14

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[54] **METAL ALLOY KNIT FABRIC FOR HIGH TEMPERATURE INSULATING MATERIALS**
[54] **TISSU TISSE EN ALLIAGE METALLIQUE DESTINE A DES MATERIAUX ISOLANTS HAUTE TEMPERATURE**
[72] STEWART, TIFFANY A., US
[72] CHAPPELL, AMORET M., US
[72] HENRY, CHRISTOPHER P., US
[73] THE BOEING COMPANY, US
[86] (2953839)
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[25] EN
[54] **HEADBAND ARRANGEMENT AND WELDING HELMET EQUIPPED WITH THE SAME**
[54] **ARRANGEMENT DE BANDEAU ET CASQUE DE SOUDURE EQUIPE DUDIT ARRANGEMENT DE BANDEAU**
[72] WU, ZIQIAN, CN
[73] TECMEN ELECTRONICS CO., LTD., CN
[86] (2953970)
[87] (2953970)
[22] 2017-01-06
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[54] **MICROFABRICATED ULTRASONIC TRANSDUCERS AND RELATED APPARATUS AND METHODS**
[54] **TRANSDUCTEURS D'ULTRASONS MICRO-FABRIQUES ET APPAREIL ET PROCEDES ASSOCIES**
[72] ROTHBERG, JONATHAN M., US
[72] ALIE, SUSAN A., US
[72] FIFE, KEITH G., US
[72] SANCHEZ, NEVADA J., US
[72] RALSTON, TYLER S., US
[73] BUTTERFLY NETWORK, INC., US
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[54] **RECLINER ASSEMBLY WITH IMPROVED CHUCK PERFORMANCE**
[54] **ENSEMBLE DE FAUTEUIL INCLINABLE A RENDEMENT D'AMORTISSEUR AMELIORE**
[72] RUNDE, DAVID M., US
[73] MAGNA SEATING INC., CA
[86] (2955703)
[87] (2955703)
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[54] **METHOD OF MAKING BRANCHED POLYESTER RESIN**
[54] **METHODE DE FABRICATION DE RESINE DE POLYESTER RAMIFIEE**
[72] MOFFAT, KAREN A., CA
[72] QIU, SHIGANG S., CA
[72] WANG, YULIN, CA
[72] BASHIR, WAFA F., CA
[72] VEREGIN, RICHARD PN, CA
[72] MARCELL, KEVIN F., US
[72] PAWLAK, JOHN LAWRENCE, US
[72] WOLFE, CHRISTOPHER M., US
[73] XEROX CORPORATION, US
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[25] EN
[54] **METHOD FOR MAKING A COMPOSITE SKIN**
[54] **METHODE DE FABRICATION D'UNE PELLICULE COMPOSITE**
[72] CARLSON, DAVID G., US
[72] MCCULLOUGH, JOHN R., US
[72] DECKER, GEORGE R., US
[72] WOLFE, DOUGLAS K., US
[72] BAINES, ANDREW G., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2957551)
[87] (2957551)
[22] 2017-02-08
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[54] **PRETREATMENT METHOD AND NUCLEIC-ACID-EXTRACTING KIT USABLE FOR THE SAME**
[54] **PROCEDE DE PRETRAITEMENT ET KIT D'EXTRACTION D'ACIDE NUCLEIQUE UTILISE DANS LEDIT PROCEDE**
[72] YAMAKAWA, KAZUTOMI, JP
[72] NAGANO, TAKASHI, JP
[73] MIZUHO MEDY CO., LTD., JP
[85] 2017-02-23
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[54] **METHOD AND APPARATUS FOR REGENERATING ELECTRONIC BREADCRUMBS**
[54] **METHODE ET APPAREIL DE REGENERATION DE FIL D'ARIANE ELECTRONIQUE**
[72] WITKIN, CATHERINE S., US
[72] BHARGAVA, ESHA, US
[72] HIRSCH, JEFFREY N., US
[72] SPIRO, ALEXANDER R., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **MANAGING STATE FOR CONTROLLING TASKS**
[54] **GESTION D'ETAT POUR CONTROLER LES TACHES**
[72] STANFILL, CRAIG W., US
[72] SHAPIRO, RICHARD, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2017-02-27
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[87] (WO2016/036822)
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[54] **SOLID FORMS OF A TOLL-LIKE RECEPTOR MODULATOR**
[54] **FORMES SOLIDES D'UN MODULATEUR DE RECEPTEURS DE TYPE TOLL**
[72] ANDRES, PATRICIA, US
[72] BROWN, BRANDON HEATH, US
[72] DIAZ, KRISTA MARIE, US
[72] KIM, YOO JOONG, US
[72] ROETHLE, PAUL, US
[72] WANG, FANG, US
[72] SMOLENSKAYA, VALERIYA, US
[73] GILEAD SCIENCES, INC., US
[85] 2017-03-06
[86] 2015-09-14 (PCT/US2015/050037)
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[30] US (62/051,063) 2014-09-16

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[25] EN
[54] **METHOD AND DEVICE FOR ADJUSTING A CHARGING PRESSURE IN AN INTERNAL COMBUSTION ENGINE BY MEANS OF A PRESSURE-WAVE SUPERCHARGER**
[54] **PROCEDE ET DISPOSITIF POUR REGLER UNE PRESSION DE SURALIMENTATION DANS UN MOTEUR A COMBUSTION INTERNE FAISANT APPEL A UN COMPRESSEUR A ONDES DE PRESSION**
[72] SKOPIL, MARIO, CH
[73] 3PREX AG, CH
[85] 2017-03-29
[86] 2015-10-13 (PCT/EP2015/073644)
[87] (WO2016/059034)
[30] EP (14188661.4) 2014-10-13

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[51] **Int.Cl. C12N 9/14 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **HUMAN G PROTEIN ALPHA SUBUNIT G.ALPHA.I1 WITH AT LEAST ONE MUTATED AMINO ACID RESIDUE**
[54] **SOUS-UNITE ALPHA GXI1 DE LA PROTEINE G HUMAINE AVEC AU MOINS UN RESIDU D'ACIDE AMINE AYANT MUTE**
[72] SCHERTLER, GEBHARD, DE
[72] SUN, DAWEI, US
[72] VEPRINTSEV, DMITRY, CH
[73] PAUL SCHERRER INSTITUT, CH
[85] 2017-03-31
[86] 2015-09-02 (PCT/EP2015/070067)
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[30] EP (14187459.4) 2014-10-02

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[54] **CARTON FOR ARTICLES**
[54] **CARTON POUR ARTICLES**
[72] SPIVEY, RAYMOND R., US
[72] MONCRIEF, FRANK N., US
[72] BATES, AARON LEE, US
[72] ALEXANDER, O'NEAL, US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2017-04-18
[86] 2015-12-16 (PCT/US2015/066005)
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[30] US (62/124,362) 2014-12-16

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[51] **Int.Cl. A61L 24/06 (2006.01) A61L 24/04 (2006.01)**
[25] EN
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[54] **CIMENT ORTHOPEDIQUE DE POLYMETHYLMETHACRYLATE ANTISEPTIQUE**
[72] VOGT, SEBASTIAN, DE
[72] CALDERON ORTIZ, LORENA, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2965055)
[87] (2965055)
[22] 2017-04-24
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[54] **BLISTER STRIP**
[54] **BANDE ALVEOLAIRE**
[72] FORSTNER, BERNHARD, AT
[73] FORSTNER, BERNHARD, AT
[85] 2017-04-21
[86] 2015-10-16 (PCT/AT2015/050258)
[87] (WO2016/061600)
[30] AT (A50755/2014) 2014-10-21

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[51] **Int.Cl. H04W 4/08 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **GROUP COMMUNICATION FUNCTION FOR DELIVERING GROUP COMMUNICATION MESSAGES IN COMMUNICATION NETWOKS**
[54] **FONCTION DE COMMUNICATION DE GROUPE PERMETTANT DE DISTRIBUER DES MESSAGES DE COMMUNICATION DE GROUPE DANS DES RESEAUX DE COMMUNICATION**
[72] BHALLA, RAJESH, US
[73] ZTE CORPORATION, CN
[85] 2017-05-03
[86] 2015-11-03 (PCT/US2015/058904)
[87] (WO2016/073533)
[30] US (62/074,565) 2014-11-03
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[51] **Int.Cl. H04L 12/22 (2006.01) H04L 12/26 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MALICIOUS CODE DETECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE CODE MALVEILLANT**
[72] KATMOR, ROY, IL
[72] BITTON, TOMER, IL
[72] YAVO, UDI, IL
[72] KELSON, IDO, IL
[73] FORTINET, INC., US
[85] 2017-05-17
[86] 2015-11-24 (PCT/IL2015/051136)
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[30] US (62/083,985) 2014-11-25
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[54] **SURGICAL IMPLANT WITH POROUS REGION**
[54] **IMPLANT CHIRURGICAL AVEC REGION POREUSE**
[72] PAPANGELOU, CHRIS, US
[72] KARNES, G. JOSHUA, US
[73] ARTHREX, INC., US
[85] 2017-05-24
[86] 2015-09-25 (PCT/US2015/052121)
[87] (WO2016/099620)
[30] US (14/571,677) 2014-12-16

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[25] EN
[54] **CATALYST AND PREPARATION METHOD THEREOF, AND METHOD FOR PREPARING ISOBUTYLENE BY APPLYING THE SAME**
[54] **CATALYSEUR ET SON PROCEDE DE PREPARATION ET PROCEDE DE PREPARATION DE L'ISOBUTYLENE PAR APPLICATION DE CELUI-CI**
[72] ZHANG, SHUMEI, CN
[72] ZHOU, FENG, CN
[72] QIAO, KAI, CN
[72] ZHAI, QINGTONG, CN
[72] WANG, CHUNMEI, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[85] 2017-05-31
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[30] CN (201410717045.0) 2014-12-03
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[25] EN
[54] **PROCESS FOR MAKING ACRYLIC ACID FROM DEXTROSE**
[54] **PROCEDE DE FABRICATION D'ACIDE ACRYLIQUE A PARTIR DE DEXTROSE**
[72] BINDER, THOMAS, US
[72] HILALY, AHMAD K., US
[72] SUDHARSAN, NAVEEN S., US
[72] MANI, KRIS N., US
[72] SCHULTZ, MITCHELL JO, US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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[86] 2015-11-23 (PCT/US2015/062087)
[87] (WO2016/089644)
[30] US (62/086,331) 2014-12-02

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[51] **Int.Cl. G06K 9/62 (2006.01) G06K 9/72 (2006.01)**
[25] EN
[54] **METHOD FOR TEXT RECOGNITION AND COMPUTER PROGRAM PRODUCT**
[54] **PROCEDE DE RECONNAISSANCE DE TEXTE ET PRODUIT DE PROGRAMME D'ORDINATEUR**
[72] WUSTLICH, WELF, DE
[73] PLANET AI GMBH, DE
[85] 2017-06-01
[86] 2015-12-02 (PCT/EP2015/078371)
[87] (WO2016/087519)
[30] EP (14196570.7) 2014-12-05

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[51] **Int.Cl. E21B 4/06 (2006.01) E02F 5/20 (2006.01) E21B 6/02 (2006.01)**
[25] EN
[54] **HAMMER DRILL MECHANISM**
[54] **MECANISME DE MARTEAU PERFORATEUR**
[72] TSANG, JOHN SIU LUN, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-06-12
[86] 2015-02-06 (PCT/US2015/014744)
[87] (WO2016/126258)

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[54] **A SPATIALLY CONTROLLABLE EDUCTOR FOR MANAGING SOLID ADDITIVES AND PROCESSES USING SAME**
[54] **EJECTEUR SPATIALEMENT REGLABLE POUR LA GESTION D'ADDITIFS SOLIDES ET PROCEDES UTILISANT CELUI-CI**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] WANG, FEI, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] EROGLU, HASAN, US
[72] STEWART, EDWIN ARTHUR, US
[72] MCKIBBEN, JOHN FERNEY, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **ELECTRIC GRILL WITH CURRENT PROTECTION CIRCUITRY**
[54] **GRILL ELECTRIQUE DOTE D'UN CIRCUIT DE PROTECTION ANTI-COURANT**
[72] KNAPPENBERGER, ERIC, US
[72] ZULETA, JULIO C., US
[72] LERCH, MATTHEW, US
[72] EMMERICH, JEFFERY C., US
[73] WEBER-STEPHEN PRODUCTS LLC, US
[86] (2971815)
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[25] EN
[54] **HYDROXYALKYL-PIPERAZINE DERIVATIVES AS CXCR3 RECEPTOR MODULATORS**
[54] **DERIVES DE L'HYDROXYALKYL PIPERAZINE UTILISES COMME MODULATEURS DU RECEPTEUR CXCR3**
[72] CAROFF, EVA, CH
[72] MEYER, EMMANUEL, CH
[73] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2017-07-04
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[87] (WO2016/113344)
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[25] EN
[54] **IMMUNOASSAY DEVICE WITH IMMUNO-REFERENCE ELECTRODE**
[54] **DISPOSITIF D'IMMUNO-ESSAI POSSEDANT UNE ELECTRODE DE REFERENCE IMMUNOLOGIQUE**
[72] MILLER, CARY JAMES, CA
[72] CAMPBELL, JOHN LEWIS EMERSON, CA
[73] ABBOTT POINT OF CARE INC., US
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[54] **SYSTEM AND METHOD FOR PROVIDING A PERSONALIZED WASHROOM EXPERIENCE TO PATRONS**
[54] **SYSTEME ET PROCEDE POUR OFFRIR AUX CLIENTS UNE EXPERIENCE D'UTILISATION PERSONNALISEE DES TOILETTES**
[72] BECKER, STEPHEN, US
[72] DUNBAR, CHARLENE, US
[72] KIRKLAND, JASON, US
[72] MOEDE, WARREN, US
[72] SCHULZ, TOM, US
[72] SHEEHAN, CHRISSY, US
[72] SHIPP, PETER W., JR., US
[72] ZIELINSKI, MATT, US
[72] TRAMONTINA, PAUL F., US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2017-07-14
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[51] **Int.Cl. A61F 5/44 (2006.01) A61G 12/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **DRAINAGE BAG SYSTEMS INCLUDING AT LEAST ONE INDICATOR ELEMENT AND METHODS OF USING THE SAME**
[54] **SYSTEMES DE POCHE DE DRAINAGE COMPRENANT AU MOINS UN ELEMENT D'INDICATEUR, ET LEURS PROCEDES D'UTILISATION**
[72] ZANI, PAUL ANTHONY, US
[72] GOHDE, JOHN CHRISTIAN, US
[72] CETRONE, ALLAN JON, US
[72] ROBINSON, URIYAH DUCHUN, US
[73] C.R. BARD, INC., US
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[51] **Int.Cl. B63H 21/21 (2006.01) G05D 13/62 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING VESSEL SPEED WHEN TRANSITIONING FROM LAUNCH TO CRUISE**
[54] **SYSTEMES ET METHODES DE CONTROLE DE LA VITESSE D'UNE EMBARCATION LORS DE LA TRANSITION DE LA MISE A L'EAU A LA VITESSE DE CROISIERE**
[72] ANDRASKO, STEVEN J., US
[72] PRZYBYL, ANDREW J., US
[72] ANSCHUETZ, STEVEN M., US
[73] BRUNSWICK CORPORATION, US
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[87] (2976198)
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[54] **TEXTILES HAVING ANTIMICROBIAL PROPERTIES**
[54] **TEXTILES AYANT DES PROPRIETES ANTIMICROBIENNES**
[72] SWAMY, ROHINI, IN
[72] SWAMY, SANJEEV, CH
[73] LIVINGUARD AG, CH
[85] 2017-08-16
[86] 2016-02-29 (PCT/EP2016/054245)
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[54] **ADDITION OF EDIBLE FAT (LIPIDS) TO HAY FOR ENHANCING THE NUTRITIONAL VALUE AND DIGESTIBILITY AND REDUCING THE TOXICITY RISK**
[54] **ADDITION DE MATIERE GRASSE COMESTIBLE (LIPIDES) A DU FOIN POUR AMELIORER SA VALEUR NUTRITIONNELLE ET DIGESTIBILITE ET REDUIRE LE RISQUE DE TOXICITE**
[72] SMALLWOOD, NORMAN J., US
[73] SMALLWOOD, NORMAN J., US
[85] 2017-08-23
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[25] EN
[54] **USE OF EDIBLE-OIL-PROCESSING SPENT BLEACHING EARTH IN FORMULATING POULTRY AND LIVESTOCK FEED PRODUCTS**
[54] **UTILISATION DE TERRE DECOLORANTE USAGEE SERVANT AU TRAITEMENT D'HUILE COMESTIBLE DANS LA FORMULATION DE PRODUITS D'ALIMENTATION POUR VOLAILLE ET BETAIL**
[72] SMALLWOOD, NORMAN J., US
[73] SMALLWOOD, NORMAN J., US
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[54] **CLAPET D'ISOLEMENT DE FOND DE TROU BIDIRECTIONNELLE**
[72] NOSKE, JOE, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **DETECTING A TRANSIENT ERROR IN A BODY FLUID SAMPLE**
[54] **DETECTION D'UNE ERREUR TRANSITOIRE DANS UN ECHANTILLON DE FLUIDE CORPOREL**
[72] MANSOURI, SOHRAB, US
[72] CERVERA, JOSE MARIA, US
[73] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2017-08-29
[86] 2016-03-01 (PCT/US2016/020185)
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[25] EN
[54] **AUTOMATED QUALITY CONTROL AND SELECTION**
[54] **SELECTION ET CONTROLE QUALITE AUTOMATISES**
[72] VAN DAEL, MATTIAS, BE
[72] VERBOVEN, PIETER, BE
[72] NICOLAI, BART, BE
[72] DHAENE, JELLE, BE
[72] VAN HOOREBEKE, LUC, BE
[72] SIJBERS, JAN, BE
[73] UNIVERSITEIT ANTWERPEN, BE
[73] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
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[51] **Int.Cl. F25J 1/02 (2006.01) F25B 6/04 (2006.01) F25B 43/00 (2006.01)**
[25] EN
[54] **MIXED REFRIGERANT COOLING PROCESS AND SYSTEM**
[54] **PROCEDE DE REFROIDISSEMENT DE REFRIGERANT MELANGE ET SYSTEME**
[72] ROBERTS, MARK JULIAN, US
[72] KRISHNAMURTHY, GOWRI, US
[72] BROSTOW, ADAM ADRIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2980042)
[87] (2980042)
[22] 2017-09-22
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[51] **Int.Cl. B65D 47/20 (2006.01) A61J 9/00 (2006.01) B65D 47/08 (2006.01) B65D 83/00 (2006.01)**
[25] EN
[54] **FLUID CONTAINMENT AND DISPENSING SYSTEM**
[54] **SYSTEME DE CONFINEMENT ET DE DISTRIBUTION DE FLUIDE**
[72] COSTELLO, MARK MARTIN, IE
[72] DOHERTY, TONY, IE
[72] INGRAM, AARON N., US
[72] LAIR, ANTHONY C., US
[73] NEOMED, INC., US
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[87] (2981035)
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[25] EN
[54] **ANTIBODIES AGAINST HUMAN NKG2D AND USES THEREOF**
[54] **ANTICORPS HUMAINS ANTI-NKG2D ET LEURS UTILISATIONS**
[72] URSO, BIRGITTE, DK
[72] WAGTMANN, PETER ANDREAS NICOLAI REUMERT, DK
[72] PEDERSEN, INGER LUND, DK
[72] SVENSSON, ANDERS, SE
[73] NOVO NORDISK A/S, DK
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[87] (2982321)
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[51] **Int.Cl. A61K 31/485 (2006.01) A61P 1/16 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **TOLL-LIKE RECEPTOR 4 ANTAGONISTS AND USE IN AUTOIMMUNE LIVER DISEASES**
[54] **ANTAGONISTES DU RECEPTEUR DE TYPE TOLL 4 ET SON UTILISATION DANS DES MALADIES HEPATIQUES AUTO-IMMUNES**
[72] WU, EDWIN SC, US
[72] CHIU, PETER JS, US
[72] HSU, MEI-CHI, TW
[72] SHIH, YING-CHU, TW
[73] TAIWANJ PHARMACEUTICALS CO., LTD., TW
[85] 2017-10-17
[86] 2016-03-24 (PCT/US2016/023983)
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[51] **Int.Cl. E03C 1/05 (2006.01) F16K 11/00 (2006.01) F16K 27/00 (2006.01)**
[25] EN
[54] **PULL-OUT FAUCET**
[54] **ROBINET ESCAMOTABLE**
[72] HE, KAIZHONG, CN
[73] GLOBE UNION INDUSTRIAL CORP., TW
[86] (2983321)
[87] (2983321)
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[51] **Int.Cl. B64F 1/00 (2006.01) B64D 11/02 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SUPPLYING WATER TO AN AIRCRAFT**
[54] **METHODES ET SYSTEMES D'ALIMENTATION D'EAU A UN AERONEF**
[72] BIS, STEVEN LEONARD, CA
[72] RAMACHANDRAN, KRISHNAN, CA
[73] INTERNATIONAL WATER-GUARD INDUSTRIES INC., CA
[86] (2984308)
[87] (2984308)
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[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/2187 (2011.01) H04N 21/262 (2011.01) H04N 21/845 (2011.01) H04L 12/841 (2013.01)**
[25] EN
[54] **CONTENT DELIVERY NETWORK VIDEO CONTENT INVALIDATION THROUGH ADAPTIVE BITRATE MANIFEST MANIPULATION**
[54] **INVALIDATION DE CONTENU VIDEO EN RESEAU DE DISTRIBUTION DE CONTENU PAR MANIPULATION DE FICHIERS MANIFEST DE DEBIT BINAIRE ADAPTATIF**
[72] ROSENZWEIG, JESSE J., US
[72] TRUAX, GREGORY K., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2017-10-31
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[30] US (14/702,243) 2015-05-01
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[25] EN
[54] **WALL ANCHOR ASSEMBLIES**
[54] **ENSEMBLES D'ANCRAGE DE PAROI**
[72] WILL, GARY E., US
[72] GRICE, BYRON K., US
[72] MALOTT, DALE G., US
[72] HAMBLIN, RYAN, US
[73] THE HILLMAN GROUP, INC., US
[85] 2017-11-07
[86] 2016-06-28 (PCT/US2016/039721)
[87] (WO2017/003988)
[30] US (62/186,882) 2015-06-30
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[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/00 (2006.01) A61P 7/02 (2006.01) A61P 9/10 (2006.01) A61P 19/10 (2006.01) A61P 31/04 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **OLIGOPEPTIDE HAVING PROINFLAMMATORY CYTOKINE SECRETION-INHIBITING ACTIVITY**
[54] **OLIGOPEPTIDE AYANT UNE ACTIVITE D'INHIBITION DE LA SECRETION DE CYTOKINE PRO-INFLAMMATOIRE**
[72] SHIMAMURA, MUNEHISA, JP
[72] NAKAGAMI, HIRONORI, JP
[72] KURINAMI, HITOMI, JP
[72] MORISHITA, RYUICHI, JP
[73] OSAKA UNIVERSITY, JP
[85] 2017-11-16
[86] 2016-05-16 (PCT/JP2016/064446)
[87] (WO2016/186071)
[30] JP (2015-102502) 2015-05-20

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[13] C
[51] **Int.Cl. H04B 7/024 (2017.01) H04W 88/02 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **UPLINK COORDINATED MULTI-POINT**
[54] **TRANSMISSION MULTIPOINT COORDONNEE A LIAISON ASCENDANTE**
[72] CHATTERJEE, DEBDEEP, US
[72] ETEMAD, KAMRAN, US
[72] YANG, RONGZHEN, CN
[72] FWU, JONG-KAE, US
[72] PAPATHANASSIOU, APOSTOLOS, US
[73] APPLE INC., US
[86] (2986418)
[87] (2986418)
[22] 2013-01-24
[62] 2,861,484
[30] US (61/591,641) 2012-01-27
[30] US (13/536,722) 2012-06-28

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[13] C
[51] **Int.Cl. F24F 13/04 (2006.01) F24F 12/00 (2006.01)**
[25] EN
[54] **COMBINED ECONOMIZER AND MIXER FOR AIR HANDLING UNIT**
[54] **ECONOMISEUR ET MELANGEUR COMBINES DESTINES A UN APPAREIL DE TRAITEMENT DE L'AIR**
[72] PAVOL, JEFFREY MARK, US
[72] DORSTE, DAVID CHARLES, US
[72] DEEMS, KEVIN, US
[73] BLENDER PRODUCTS, INC., US
[86] (2986847)
[87] (2986847)
[22] 2017-11-27
[30] US (15/366,786) 2016-12-01

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[13] C
[51] **Int.Cl. B01J 21/04 (2006.01) B01J 23/70 (2006.01) B01J 23/755 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) B01J 37/28 (2006.01) C10G 45/02 (2006.01) C10G 45/50 (2006.01)**
[25] EN
[54] **HIGH HDN SELECTIVITY HYDROTREATING CATALYST**
[54] **CATALYSEUR D'HYDROTRAITEMENT A HAUTE SELECTIVITE HDN**
[72] MATSUSHITA, KOICHI, JP
[72] GOTO, YASUHITO, JP
[72] WOODS, MATTHEW, US
[73] ADVANCED REFINING TECHNOLOGIES LLC, US
[85] 2017-11-28
[86] 2016-05-13 (PCT/US2016/032474)
[87] (WO2016/195973)
[30] US (62/167,995) 2015-05-29

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[51] **Int.Cl. G01N 23/046 (2018.01) G01N 23/20 (2018.01)**
[25] EN
[54] **MULTI-MODALITY DETECTION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE DETECTION MULTIMODALE**
[72] CHEN, ZHIQIANG, CN
[72] ZHANG, LI, CN
[72] YANG DAI, TIANYI, CN
[72] HUANG, QINGPING, CN
[72] SUN, YUNDA, CN
[72] JIN, XIN, CN
[73] TSINGHUA UNIVERSITY, CN
[73] NUCTECH COMPANY LIMITED, CN
[85] 2017-11-30
[86] 2016-08-10 (PCT/CN2016/094460)
[87] (WO2017/101466)
[30] CN (201510958891.6) 2015-12-18

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[25] EN
[54] **SAFETY ARRANGEMENT**
[54] **AGENCEMENT DE SECURITE**
[72] HANNINEN, JOUNI, FI
[73] INNOTRAFIK OY, FI
[85] 2017-12-07
[86] 2016-06-09 (PCT/FI2016/050412)
[87] (WO2016/203103)
[30] FI (U20150101) 2015-06-17

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[13] C
[51] **Int.Cl. B66B 1/24 (2006.01) B66B 9/10 (2006.01) B66B 11/04 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING AN ELEVATOR SYSTEM, AND ELEVATOR SYSTEM**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME D'ASCENSEUR**
[72] GERSTENMEYER, STEFAN, DE
[72] JETTER, MARKUS, DE
[73] THYSSENKRUPP ELEVATOR AG, DE
[73] THYSSENKRUPP AG, DE
[85] 2017-12-12
[86] 2016-06-29 (PCT/EP2016/065150)
[87] (WO2017/005575)
[30] DE (10 2015 212 903.9) 2015-07-09

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[51] **Int.Cl. H01M 8/2483 (2016.01)**
[25] EN
[54] **FUEL CELL STACK AND DUMMY CELL**
[54] **EMPILEMENT DE PILE A COMBUSTIBLE ET FAUSSE PILE**
[72] KANNO, DAISUKE, JP
[72] YAMASAKI, TAKENORI, JP
[72] IDA, ATSUSHI, JP
[72] HAYASHI, DAISUKE, JP
[72] KURITA, SHUJI, JP
[72] KONDO, TAKASHI, JP
[72] HASHIMOTO, KEIJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TOYOTA SHATAI KABUSHIKI KAISHA, JP
[86] (2989852)
[87] (2989852)
[22] 2017-12-21
[30] JP (2016-255020) 2016-12-28

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[51] **Int.Cl. C07D 239/42 (2006.01) A61K 31/5377 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHENYL AMINO PYRIMIDINE COMPOUND OR POLYMORPH OF SALT THEREOF**
[54] **COMPOSE DE PHENYLAMINO PYRIMIDINE OU POLYMORPHE D'UN SEL DE CE DERNIER**
[72] LV, BINHUA, CN
[72] LI, CHENGWEI, CN
[72] XIAO, DAN, CN
[73] SUZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD, CN
[85] 2017-12-22
[86] 2016-06-24 (PCT/CN2016/087092)
[87] (WO2016/206633)
[30] CN (201510364281.3) 2015-06-26

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[13] C
[51] **Int.Cl. A61K 31/4458 (2006.01) A61K 31/454 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **PRE-FRONTAL CORTEX PROCESSING DISORDER, GAIT AND LIMB IMPAIRMENT TREATMENT**
[54] **TRAITEMENT DU TROUBLE DU TRAITEMENT DU CORTEX PRE-FRONTAL, TRAITEMENT D'UNE ALTERATION DE LA DEMARCHE ET D'UN MEMBRE**
[72] ROSEMAN, BRUCE, US
[72] KAPLAN, GILLA, US
[73] GILROSE PHARMACEUTICALS, LLC, US
[85] 2018-01-04
[86] 2016-06-14 (PCT/US2016/037367)
[87] (WO2017/007577)
[30] US (14/793,829) 2015-07-08
[30] US (14/881,516) 2015-10-13
[30] US (14/971,325) 2015-12-16
[30] US (15/075,375) 2016-03-21

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[13] C
[51] **Int.Cl. C07K 14/47 (2006.01) C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 15/12 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **PEPTIDE VACCINES FOR CANCERS EXPRESSING TUMOR-ASSOCIATED ANTIGENS DERVIED FROM CDH3**
[54] **VACCINS PEPTIDIQUES POUR LES CANCERS EXPRIMANT DES ANTIGENES ASSOCIES A UNE TUMEUR DERIVES DU GENE CDH3**
[72] TSUNODA, TAKUYA, JP
[72] OHSAWA, RYUJI, JP
[73] ONCOTHERAPY SCIENCE, INC., JP
[86] (2992074)
[87] (2992074)
[22] 2008-02-21
[62] 2,919,248
[30] US (60/902,949) 2007-02-21

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[13] C
[51] **Int.Cl. G08B 25/01 (2006.01) A61B 5/00 (2006.01) G08B 7/06 (2006.01) G08B 25/00 (2006.01) G08B 25/10 (2006.01) H04W 76/00 (2018.01)**
[25] EN
[54] **METHOD FOR SENDING AN ALARM TO PERSONS**
[54] **PROCEDE D'ALARME DE PERSONNES**
[72] BERNUTZ, MARCO, DE
[72] LANDWEHR, BIRGER, DE
[73] DRAEGERWERK AG & CO. KGAA, DE
[85] 2018-01-16
[86] 2016-07-01 (PCT/EP2016/001131)
[87] (WO2017/012696)
[30] DE (10 2015 009 087.9) 2015-07-17

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[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 6/82 (2018.01) A01H 5/00 (2018.01) C12N 5/10 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01)**
[25] EN
[54] **POTATO TRANSFORMATION VECTOR FOR SILENCING ENDOGENOUS ASPARAGINE SYNTHETASE-1 AND POLYPHENOL OXIDASE-5, PHOSPHORYLASE-L AND DIKINASE R1**
[54] **VECTEUR DE TRANSFORMATION DE POMME DE TERRE SERVANT A METTRE AU SILENCE L'ASPARAGINE SYNTHETASE 1 ET LA POLYPHENOL OXYDASE 5, LA PHOSPHORYLASE-LET LA DIKINASE R1**
[72] RICHAEL, CRAIG, US
[72] ROMMENS, CAIUS, US
[72] WEEKS, TROY, US
[72] YAN, HUA, US
[72] YE, JINGSONG, US
[73] J.R. SIMPLOT COMPANY, US
[86] (2993801)
[87] (2993801)
[22] 2013-11-05
[62] 2,911,015
[30] US (61/818,752) 2013-05-02

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[13] C
[51] **Int.Cl. F04B 53/16 (2006.01) E21B 43/12 (2006.01) F04B 17/03 (2006.01) F04B 35/04 (2006.01) F17D 3/12 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM FOR CHEMICAL INJECTION PUMPS AND INSTRUMENT AIR COMPRESSORS**
[54] **SYSTEME D'ENTRAINEMENT POUR POMPES D'INJECTION DE PRODUITS CHIMIQUES ET COMPRESSEURS A AIR POUR INSTRUMENTS**
[72] FROEHLER, ANTHONY STEVEN, CA
[73] FROEHLER, ANTHONY STEVEN, CA
[85] 2018-02-02
[86] 2016-04-06 (PCT/CA2016/050393)
[87] (WO2016/161508)
[30] US (62/145,121) 2015-04-09
[30] US (62/300,626) 2016-02-26

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[51] **Int.Cl. G01N 1/20 (2006.01) G01N 1/02 (2006.01) G01N 1/10 (2006.01) G01N 1/24 (2006.01)**
[25] EN
[54] **SPEED LOOP FOR TAKE-OFF AND RETURN BY SINGLE PIPELINE PROBE**
[54] **BOUCLE DE VITESSE POUR LE PRELEVEMENT ET LE RETOUR PAR SONDE DE PIPELINE UNIQUE**
[72] ROLSTON, CLAUDE A., US
[73] MUSTANG SAMPLING, LLC, US
[85] 2018-01-26
[86] 2016-09-02 (PCT/US2016/050179)
[87] (WO2017/058465)
[30] US (62/235,107) 2015-09-30
[30] US (15/252,686) 2016-08-31

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[13] C
[51] **Int.Cl. B23K 11/11 (2006.01) B23K 11/30 (2006.01) B23K 11/31 (2006.01) B23K 11/36 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE LOW-RESISTANCE WELDING OF METAL SHEETS WITH A HIGH CYCLE RATE**
[54] **DISPOSITIF ET PROCEDE DE SOUDAGE A FAIBLE VALEUR OHMIQUE DE TOLES A UNE VITESSE DE PRODUCTION ELEVEE**
[72] WEIGL, MARKUS, DE
[73] GRENZEBACH MASCHINENBAU GMBH, DE
[85] 2018-02-05
[86] 2016-08-10 (PCT/DE2016/000313)
[87] (WO2017/028833)
[30] DE (10 2015 010 734.8) 2015-08-17

[11] **2,995,098**
[13] C
[51] **Int.Cl. B01D 27/02 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **AIR CLEANER ASSEMBLY AND COMPONENTS THEREFOR**
[54] **ENSEMBLE EPURATEUR D'AIR ET SES COMPOSANTES**
[72] NELSON, BENNY KEVIN, US
[73] DONALDSON COMPANY, INC., US
[86] (2995098)
[87] (2995098)
[22] 2009-07-21
[62] 2,731,225
[30] US (61/135595) 2008-07-22

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[13] C
[51] **Int.Cl. A01N 1/00 (2006.01) A01N 37/10 (2006.01) A01N 37/36 (2006.01) A01N 37/44 (2006.01) A01N 43/40 (2006.01) A01N 59/16 (2006.01) A61K 35/12 (2015.01) A61K 35/36 (2015.01) A61K 35/37 (2015.01) A61L 2/16 (2006.01) C09D 5/14 (2006.01)**
[25] EN
[54] **BIOFILM INHIBITING COMPOSITIONS ENHANCING WEIGHT GAIN IN LIVESTOCK**
[54] **COMPOSITIONS DINHIBITION DE LA FORMATION DE BIOFILM DESTINEES A L'AMELIORATION DE PRISE DE POIDS DU BETAIL**
[72] ALA'AKDEEB, DLAWER, GB
[72] MAHDAVI, JAFAR, GB
[72] SOULTANAS, PANOS, GB
[73] AKESO BIOMEDICAL, INC., US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046623)
[87] (WO2017/027742)
[30] US (PCT/US2015/044603) 2015-08-11
[30] US (62/296,386) 2016-02-17
[30] US (62/334,746) 2016-05-11

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[25] EN
[54] **HIGH EFFICIENCY HEATING AND/OR COOLING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE CHAUFFAGE ET/OU DE REFROIDISSEMENT HAUTEMENT EFFICACES**
[72] STAFFEND, GILBERT, US
[72] STAFFEND, NANCY A., US
[72] STAFFEND, NICHOLAS A., US
[73] STAFFEND, GILBERT, US
[85] 2018-02-14
[86] 2016-08-19 (PCT/US2016/047778)
[87] (WO2017/031428)
[30] US (62/207,216) 2015-08-19

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[13] C
[51] **Int.Cl. A61B 6/03 (2006.01) A61B 6/00 (2006.01) G01T 1/166 (2006.01)**
[25] EN
[54] **DETECTOR ARM SYSTEMS AND ASSEMBLIES**
[54] **SYSTEMES ET ENSEMBLES BRAS DE DETECTION**
[72] KHEN, ROEE, IL
[72] HEFETZ, YARON, IL
[73] GENERAL ELECTRIC COMPANY, US
[85] 2018-02-15
[86] 2016-06-20 (PCT/US2016/038352)
[87] (WO2017/039787)
[30] US (14/841,133) 2015-08-31

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[13] C
[51] **Int.Cl. C07D 215/233 (2006.01) A61K 31/194 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01) C07C 59/245 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING N-(4-{[6,7-BIS(METHYLOXY)QUINOLIN-4-YL]OXY}PHENYL)-N'-(4-FLUOROPHENYL)CYCLOPROPANE-1,1-DICARBOXAMIDE**
[54] **PROCEDES DE PREPARATION DE N-(4-{[6,7-BIS(METHYLOXY)QUINOLEIN-4-YL]OXY}PHENYL)(4-FLUOROPHENYL)CYCLOPROPANE-1,1-DICARBOXAMIDE**
[72] BROWN, ADRIAN, GB
[72] LAMB, PETER, US
[72] GALLAGHER, WILLIAM, US
[73] EXELIXIS, INC., US
[86] (2995880)
[87] (2995880)
[22] 2010-01-15
[62] 2,758,030
[30] US (61/145,421) 2009-01-16

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[13] C
[51] **Int.Cl. A61K 31/192 (2006.01) A61K 9/16 (2006.01) A61P 17/10 (2006.01) A61P 17/12 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TOPICAL APPLICATION COMPRISING BENZOYL PEROXIDE AND ADAPALENE**
[54] **COMPOSITIONS POUR APPLICATION TOPIQUE COMPRENANT DU PEROXYDE DE BENZOYLE ET DE L'ADAPALENE**
[72] TOLEDANO, OFER, IL
[72] SERI-LEVY, ALON, IL
[72] NEIMANN, KARINE, IL
[72] NOV, ORI, IL
[73] SOL-GEL TECHNOLOGIES LTD., IL
[85] 2018-02-19
[86] 2016-08-17 (PCT/IL2016/050895)
[87] (WO2017/029665)
[30] US (62/207,452) 2015-08-20

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[13] C
[51] **Int.Cl. A01D 41/12 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **HEADER IDENTIFICATION IN A HARVESTING MACHINE**
[54] **IDENTIFICATION DE BEC CUEILLEUR DANS UNE MACHINE DE RECOLTE**
[72] FOSTER, BENJAMIN, CA
[72] FLINTOFT, MICHAEL, CA
[72] LOEVSKY, SIVAN, CA
[72] BALDWIN, JOHN, CA
[72] BERGMAN, LEN, CA
[73] MACDON INDUSTRIES LTD., CA
[86] (2996332)
[87] (2996332)
[22] 2018-02-26
[30] US (15904058) 2018-02-23

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[13] C
[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61P 37/02 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **SOLUBLE ANTIBODY COMPLEXES FOR T CELL OR NK CELL ACTIVATION AND EXPANSION**
[54] **COMPLEXES D'ANTICORPS SOLUBLES POUR L'ACTIVATION ET LA PROLIFERATION DE CELLULES T OU DE CELLULES NK**
[72] KOKAJI, ANDY ISAMU, CA
[73] STEMCELL TECHNOLOGIES INC., CA
[85] 2018-02-27
[86] 2015-09-03 (PCT/CA2015/050846)
[87] (WO2016/033690)
[30] US (62/045,591) 2014-09-04

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[13] C
[51] **Int.Cl. A01K 97/00 (2006.01) A01K 91/06 (2006.01) A01K 97/01 (2006.01) A01K 97/12 (2006.01)**
[25] EN
[54] **POWERED JIGGING DEVICE WITH MOVABLY MOUNTED MOTOR DRIVING A BALANCE-ADJUSTABLE ROD HOLDER**
[54] **DISPOSITIF ELECTRIQUE DE PECHE A LA DANDINETTE DOTE D'UN MOTEUR INSTALLE DE MANIERE MOBILE ENTRAINANT UN SUPPORT DE CANNE A EQUILIBRE AJUSTABLE**
[72] GEORGE, JONATHAN D., CA
[73] GEORGE, JONATHAN D., CA
[86] (2997458)
[87] (2997458)
[22] 2018-03-06
[30] US (62474374) 2017-03-21

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[13] C
[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 57/20 (2006.01)**
[25] EN
[54] **AN EMULSIFIABLE ADJUVANT**
[54] **UN ADJUVANT EMULSIFIABLE**
[72] BERG, PAULO SERGIO, US
[72] VANDERZYL, JARED LANCE, US
[72] PULLEN, MELVIN DONOVAN, US
[72] YARBROUGH, MAI, US
[73] ORO AGRI, INC., US
[85] 2018-03-05
[86] 2016-10-13 (PCT/US2016/056851)
[87] (WO2017/083049)
[30] US (14/936,467) 2015-11-09

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[13] C
[51] **Int.Cl. A01K 63/00 (2017.01) A01K 80/00 (2006.01)**
[25] EN
[54] **DEVICE FOR INVERTING FLOATING OYSTER CAGES**
[54] **DISPOSITIF DE RENVERSEMENT DE GAGES A HUITRES FLOTTANTES**
[72] GOUDEY, CLIFFORD A., US
[72] MOOK, WILLIAM H., US
[73] GOUDEY, CLIFFORD A., US
[73] MOOK, WILLIAM H., US
[86] (2998769)
[87] (2998769)
[22] 2018-03-21
[30] US (15/470,823) 2017-03-27

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[13] C
[51] **Int.Cl. A46B 15/00 (2006.01) A46B 5/00 (2006.01) A61C 15/00 (2006.01)**
[25] EN
[54] **INTERDENTAL TOOTHBRUSH**
[54] **BROSSE A DENTS INTERDENTAIRE**
[72] ZHANG, ZHAOQIANG, CN
[72] JONES, CHARLES, GB
[72] GALE, FIONA, GB
[72] SPOOR, TRAVIS MICHAEL, US
[72] LANVERS, ANDREAS PAUL, DE
[73] RANIR, LLC, US
[86] (2999631)
[87] (2999631)
[22] 2018-03-29
[30] US (62/481,255) 2017-04-04

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[11] **2,999,758**
[13] C
[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01)**
[25] EN
[54] **ADSORBENT REGENERATION METHOD IN A COMBINED PRESSURE AND TEMPERATURE SWING ADSORPTION PROCESS**
[54] **METHODE DE REGENERATION D'ADSORBANT DANS UNE ADSORPTION COMBINEE MODULEE EN PRESSION ET EN TEMPERATURE**
[72] HASHI, MOHAMED, US
[72] CELIK, CEM E., US
[72] DRAY, JAMES R., US
[73] PRAXAIR TECHNOLOGY, INC., US
[85] 2018-03-22
[86] 2016-09-20 (PCT/US2016/052568)
[87] (WO2017/053249)
[30] US (62/232,572) 2015-09-25

[11] **3,000,323**
[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL AND METHOD OF USE**
[54] **OUTIL DE FOND DE TROU ET METHODE D'UTILISATION**
[72] HOU, YANAN, US
[72] DAVIES, EVAN LLOYD, US
[72] AVILA, LUIS MIGUEL, US
[72] VANLUE, DUKE, US
[73] THE WELLBOSS COMPANY, LLC, CA
[85] 2018-05-31
[86] 2017-11-17 (PCT/US2017/062379)
[87] (WO2018/094257)
[30] US (62/423,620) 2016-11-17

[11] **3,000,478**
[13] C
[51] **Int.Cl. H01M 8/04089 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE SAME**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[72] MATSUMOTO, SHUN, JP
[72] TSUNEKAWA, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (3000478)
[87] (3000478)
[22] 2018-04-06
[30] JP (2017-075779) 2017-04-06

[11] **3,000,954**
[13] C
[51] **Int.Cl. C09K 3/22 (2006.01) B05D 1/02 (2006.01) B05D 3/00 (2006.01) B05D 5/00 (2006.01) C04B 14/06 (2006.01)**
[25] EN
[54] **SAND COMPOSITES AND METHODS OF USING THE SAME TO CONTROL DUST**
[54] **COMPOSITES DE SABLE ET LEURS PROCEDES D'UTILISATION POUR LA LUTTE CONTRE LA POUSSIERE**
[72] BESTAOUI-SPURR, NAIMA, US
[72] VORDERBRUGGEN, MARK ALAN, US
[72] BRANNON, HAROLD DEAN, US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-04-03
[86] 2016-11-03 (PCT/US2016/060395)
[87] (WO2017/063000)
[30] US (14/875,326) 2015-10-05

[11] **3,001,906**
[13] C
[51] **Int.Cl. A61M 25/06 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **COMPLIANT CATHETER ADAPTER AND COMPRESSION CAP**
[54] **ADAPTATEUR DE CATHETER SOUPLE ET CAPUCHON DE COMPRESSION**
[72] BURKHOLZ, JONATHAN KARL, US
[72] SONDEREGGER, RALPH L., US
[72] PETERSON, BART D., US
[72] WANG, BIN, US
[72] HU, OLIVIA, CN
[72] CHIA, NEVILLE, SG
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2018-04-12
[86] 2016-10-06 (PCT/US2016/055860)
[87] (WO2017/074683)
[30] US (62/247,607) 2015-10-28
[30] US (62/247,596) 2015-10-28
[30] US (62/247,599) 2015-10-28
[30] US (62/247,617) 2015-10-28
[30] US (62/247,621) 2015-10-28
[30] US (62/247,624) 2015-10-28
[30] US (62/247,626) 2015-10-28
[30] US (62/296,383) 2016-02-17
[30] US (62/296,385) 2016-02-17
[30] US (15/286,287) 2016-10-05

[11] **3,002,147**
[13] C
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 17/00 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **DEGRADABLE, FRANGIBLE COMPONENTS OF DOWNHOLE TOOLS**
[54] **COMPOSANTS CASSABLES, DEGRADABLES D'OUTILS DE FOND**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] MERRON, MATTHEW JAMES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-04-16
[86] 2015-12-29 (PCT/US2015/067783)
[87] (WO2017/116407)

[11] **3,002,346**
[13] C
[51] **Int.Cl. E04G 3/28 (2006.01) A63B 27/00 (2006.01) B66F 7/02 (2006.01) B66F 11/04 (2006.01) A01M 31/02 (2006.01)**
[25] FR
[54] **AUTO-CLIMBING PLATFORM**
[54] **PLATEFORME AUTO-GRIMPANTE**
[72] BOUCHARD, LUC L. B., CA
[73] BOUCHARD, LUC L. B., CA
[86] (3002346)
[87] (3002346)
[22] 2018-04-23

[11] **3,002,391**
[13] C
[51] **Int.Cl. C08G 73/10 (2006.01) B01D 71/64 (2006.01) C08J 9/28 (2006.01) C08L 79/08 (2006.01)**
[25] EN
[54] **HIGHLY BRANCHED NON-CROSSLINKED AEROGEL, METHODS OF MAKING, AND USES THEREOF**
[54] **AEROGEL NON RETICULE HAUTEMENT RAMIFIE, PROCEDES DE FABRICATION ET UTILISATIONS CORRESPONDANTES**
[72] POE, GARRETT, US
[72] SAKAGUCHI, ALAN, US
[72] LAMBDIN, NICOLE, US
[72] KOLDAN, KENNETH, US
[73] BLUESHIFT MATERIALS, INC., US
[85] 2018-04-17
[86] 2016-10-19 (PCT/US2016/057575)
[87] (WO2017/074751)
[30] US (62/248,763) 2015-10-30
[30] US (62/262,055) 2015-12-02
[30] US (62/337,947) 2016-05-18
[30] US (62/408,862) 2016-10-17

[11] **3,003,586**
[13] C
[51] **Int.Cl. H04Q 3/58 (2006.01)**
[25] EN
[54] **INCOMING-CALL NUMBER NOTIFICATION APPARATUS, EXCHANGE, INCOMING-CALL NUMBER NOTIFICATION SYSTEM, AND COMPUTER READABLE MEDIUM**
[54] **DISPOSITIF DE RAPPORT DE NOMBRE D'APPELS ENTRANTS, STANDARD, SYSTEME DE RAPPORT DE NOMBRE D'APPELS ENTRANTS ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] MIYATA, KOTARO, JP
[72] KAMIMURA, SAKAE, JP
[73] NEC PLATFORMS, LTD., JP
[85] 2018-04-27
[86] 2017-06-12 (PCT/JP2017/021630)
[87] (WO2018/016230)
[30] JP (2016-142973) 2016-07-21

[11] ***3,004,703**
[13] C
[51] **Int.Cl. B62B 1/00 (2006.01) A47B 81/00 (2006.01) B25H 3/00 (2006.01) B62B 1/20 (2006.01) B62B 1/22 (2006.01) B62B 1/26 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **WHEELBARROW STORAGE DEVICE**
[54] **DISPOSITIF D'ENTREPOSAGE DE BROUETTE**
[72] WILLIAMS, JOHN, CA
[73] WILLIAMS, JOHN, CA
[86] (3004703)
[87] (3004703)
[22] 2018-05-11

[11] **3,006,320**
[13] C
[51] **Int.Cl. B63B 32/40 (2020.01) B63B 32/60 (2020.01) A63C 5/06 (2006.01)**
[25] EN
[54] **WATER SPORTS BOARD WITH FOLDABLE SEAT BACK**
[54] **PLANCHE DE SPORTS AQUATIQUES EQUIPEE D'UN DOSSIER DE SIEGE PLIANT**
[72] YEH, TZONG IN, US
[72] KOCNER, MICHAL, US
[73] AGIT GLOBAL IP HOLDINGS, LLC, US
[86] (3006320)
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[25] EN
[54] **METHODS AND SYSTEMS TO TRANSFER PROPPANT FOR FRACKING WITH REDUCED RISK OF PRODUCTION AND RELEASE OF SILICA DUST AT A WELL SITE**
[54] **METHODES ET SYSTEMES DE TRANSFERT D'AGENT DE SOUTENEMENT SERVANT A LA FRACTURATION A RISQUE REDUIT DE PRODUCTION ET DE LIBERATION DE POUSSIERE DE SILICE SUR UN SITE DE PUITS**
[72] OREN, JOHN, US
[72] OREN, JOSHUA, US
[73] OREN TECHNOLOGIES, LLC, US
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[54] **METHOD FOR MANUFACTURING MOLTEN IRON**
[54] **PROCEDE DE FABRICATION DE FONTE LIQUIDE**
[72] CHOI, EUNG SOO, KR
[72] YI, JOON GIU, KR
[72] BAE, JIN CHAN, KR
[73] POSCO, KR
[85] 2018-06-13
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[54] **APPAREIL ELECTROCHROMIQUE**
[72] TAKEUCHI, KOHJI, JP
[72] YASHIRO, TOHRU, JP
[72] MATSUMOTO, TAKAHIKO, JP
[72] KIM, SUKCHAN, JP
[72] GOTO, SHUN, JP
[72] YUTANI, KEIICHIROH, JP
[72] YAGINUMA, HIDEKAZU, JP
[72] OHSHIMA, ATSUSHI, JP
[73] RICOH COMPANY, LTD., JP
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[54] **EGG LIFTING DEVICE, AND ASSOCIATED TRANSFER SYSTEMS AND METHODS**
[54] **DISPOSITIF DE LEVAGE D'□UFS, ET SYSTEMES ET PROCEDES DE TRANSFERT ASSOCIES**
[72] SUH, WILLIAM DONGWOOK, US
[73] ZOETIS SERVICES LLC, US
[85] 2018-06-26
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[54] **DEVICE FOR LOADING OF BULK CARRIERS AND LOADING METHOD**
[54] **DISPOSITIF DE CHARGEMENT DE PORTEURS DE VRAC ET METHODE DE CHARGEMENT**
[72] SALLES, ADRIANO CIRINO, BR
[73] VALE S.A., BR
[73] ADRIANO CIRINO SALLES, BR
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[87] (3010083)
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[54] **DETERMINING A NAVIGATION PATH BASED ON ONE OR MORE ROAD SEGMENTS**
[54] **DETERMINATION D'UN TRAJET DE NAVIGATION SUR LA BASE D'UN OU PLUSIEURS SEGMENTS DE ROUTE**
[72] CHINTAKINDI, SUNIL, US
[72] HAYES, HOWARD, US
[72] THAMMI, SANTHOSH, US
[73] ALLSTATE INSURANCE COMPANY, US
[85] 2018-07-03
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[54] **SEPARATION SYSTEMS, ELEMENTS, AND METHODS FOR SEPARATION UTILIZING STACKED MEMBRANES AND SPACERS**
[54] **SYSTEMES DE SEPARATION, ELEMENTS ET PROCEDES DE SEPARATION UTILISANT DES MEMBRANES ET DES DISPOSITIFS D'ESPACEMENT EMPILES**
[72] BENTON, CHARLES, US
[72] BAKAJIN, OLGICA, US
[73] PORIFERA, INC., US
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[54] **SYSTEM AND METHOD FOR DETERMINING MINIMUM PITCH AND MINIMUM GAS GENERATOR IDLE CONDITION**
[54] **SYSTEME ET PROCEDE DE DETERMINATION D'UN PAS MINIMUM ET D'UN ETAT DE REPOS DE GENERATEUR DE GAZ MINIMAL**
[72] ETTORRE, STEFANO, IT
[72] FELIPPONE, FELICE, IT
[72] CASTELLANI, SIMONE, IT
[73] GE AVIO S.R.L., IT
[86] (3011845)
[87] (3011845)
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[54] **PREDICTION FILTERING BASED ON THE INTRA PREDICTION MODE OF THE CURRENT BLOCK**
[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
[72] KIM, JIN WOONG, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[54] **META-ANTENNA**
[54] **META ANTENNE**
[72] DANIEL, GEORGE W., US
[73] PALO ALTO RESEARCH CENTER INCORPORATED, US
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[87] (3012151)
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[54] **DUAL NOZZLE SPRAY GUN**
[54] **PISTOLET DE PULVERISATION A DEUX BUSES**
[72] CRENSHAW, KENNETH D., US
[73] CRENSHAW, KENNETH D., US
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[54] **IMPROVEMENTS TO THE MANUFACTURE AND REMANUFACTURE OF VOLATILE ANAESTHETIC AGENTS USING SUPERCRITICAL FLUIDS**
[54] **FABRICATION ET MODIFICATION DE FABRICATION AMELIOREES D'AGENTS ANESTHESIQUES VOLATILS AU MOYEN DE FLUIDES SUPERCRITIQUES**
[72] BROWN, SEBASTIAN, GB
[73] SAGETECH MEDICAL EQUIPMENT LIMITED, GB
[85] 2018-08-08
[86] 2017-02-22 (PCT/GB2017/050460)
[87] (WO2017/144879)
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[54] **LOW-COMPLEXITY INTRA PREDICTION FOR VIDEO CODING**
[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
[72] BOSSEN, FRANK JAN, US
[72] TAN, THIOW KENG, SG
[73] NTT DOCOMO, INC., JP
[86] (3014042)
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[54] **INTELLIGENT MONITORING SYSTEMS FOR LIQUID ELECTROLYTE BATTERIES**
[54] **SYSTEMES DE SURVEILLANCE INTELLIGENTS POUR BATTERIES A ELECTROLYTE LIQUIDE**
[72] HERREMA, MARK, US
[72] EARL, RON D., US
[72] KLOOTE, SCOTT, US
[72] FOX, JASON L., US
[73] FLOW-RITE CONTROLS, LTD., US
[85] 2018-08-13
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[54] **CARRIER ASSEMBLY FOR CARRYING AN ELECTRONICS HOUSING**
[54] **ENSEMBLE SUPPORT POUR SUPPORTER UN BOITIER ELECTRONIQUE**
[72] KETTERN, MARKUS, DE
[72] HOLSTE, DIETER, DE
[73] PHOENIX CONTACT GMBH & CO. KG, DE
[85] 2018-08-14
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[25] EN
[54] **ROBOTICALLY-CONTROLLED LASER CLADDING PROCESS FOR REPAIR OF WORN AND/OR DAMAGED RAILWAY STRUCTURES**
[54] **PROCEDE DE REVETEMENT AU LASER COMMANDE PAR ROBOT POUR LA REPARATION DE STRUCTURES DE CHEMIN DE FER USEES ET/OU ENDOMMAGEES**
[72] LINDEMULDER, PAUL, US
[72] KRAL, RICHARD F., US
[72] HAAKE, JOHN, US
[73] HOLLAND, L.P., US
[73] TITANOVA, INC., US
[85] 2018-08-10
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[25] EN
[54] **A PRE-ASSEMBLED WALL PANEL FOR UTILITY INSTALLATION**
[54] **PANNEAU DE FACADE PRE-ASSEMBLE POUR INSTALLATION DE SERVICE PUBLIC**
[72] COLLINS, ARLAN, US
[72] WOERMAN, MARK, US
[73] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
[85] 2018-08-24
[86] 2017-03-07 (PCT/US2017/021179)
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[25] EN
[54] **USE OF BRAF INHIBITORS FOR TREATING CUTANEOUS REACTIONS**
[54] **UTILISATION D'INHIBITEURS DE BRAF POUR LE TRAITEMENT DE REACTIONS CUTANEES**
[72] SHELACH, NOA, IL
[73] LUTRIS PHARMA LTD., IL
[85] 2018-08-30
[86] 2017-03-09 (PCT/IL2017/050301)
[87] (WO2017/154001)
[30] US (62/306,147) 2016-03-10

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[54] **MULTI-PRODUCT LIQUEFACTION METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE LIQUEFACTION DE PLUSIEURS PRODUITS**
[72] BRUSSOL, LAURENT MARC, FR
[72] HOLZER, DAVID JOSEPH, FR
[72] VOVARD, SYLVAIN, FR
[72] SHNITSER, RUSSELL, US
[72] BROSTOW, ADAM ADRIAN, US
[72] ROBERTS, MARK JULIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (3016647)
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[22] 2018-09-06
[30] US (15/703,321) 2017-09-13

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[51] **Int.Cl. C10G 67/02 (2006.01) C10G 69/06 (2006.01)**
[25] EN
[54] **PRODUCTION OF RENEWABLE BIOFUELS**
[54] **PRODUCTION DE BIOCARBURANTS RENOUVELABLES**
[72] RAMIREZ-CORREDORES, MARIA MAGDALENA, US
[72] SANCHEZ, VICENTE, US
[73] MARD, INC., US
[86] (3016799)
[87] (3016799)
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[25] EN
[54] **ABRASION-RESISTANT STEEL PLATE AND METHOD OF PRODUCING ABRASION-RESISTANT STEEL PLATE**
[54] **TOLE D'ACIER RESISTANTE A L'ABRASION ET PROCEDE DE PRODUCTION DE TOLE D'ACIER RESISTANTE A L'ABRASION**
[72] TERAZAWA, YUSUKE, JP
[72] TAKAYAMA, NAOKI, JP
[72] HAYASHI, KENJI, JP
[72] HASE, KAZUKUNI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2018-09-10
[86] 2016-04-19 (PCT/JP2016/002099)
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[25] EN
[54] **ABRASION-RESISTANT STEEL PLATE AND METHOD OF PRODUCING ABRASION-RESISTANT STEEL PLATE**
[54] **TOLE D'ACIER RESISTANTE A L'ABRASION ET PROCEDE DE PRODUCTION DE TOLE D'ACIER RESISTANTE A L'ABRASION**
[72] TERAZAWA, YUSUKE, JP
[72] TAKAYAMA, NAOKI, JP
[72] HAYASHI, KENJI, JP
[72] HASE, KAZUKUNI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2018-09-10
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[54] **NON-CIRCULAR ENDODONTIC INSTRUMENTS**
[54] **INSTRUMENTS ENDODONTIQUES NON CIRCULAIRES**
[72] MUSIKANT, BARRY L., US
[73] ESSENTIAL DENTAL SYSTEMS, INC., US
[85] 2018-09-12
[86] 2017-03-01 (PCT/US2017/020097)
[87] (WO2017/160501)
[30] US (62/308,622) 2016-03-15
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[54] **POST HOLDER**
[54] **SUPPORT DE MONTANT**
[72] ANTINOLFI, JOHN, CA
[73] SEGURO ALUMINUM RAILINGS INC., CA
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[22] 2016-05-04
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[54] **VIRTUAL NUMBERS FOR INTELLIGENCE OPERATIONS**
[54] **NUMEROS VIRTUELS POUR OPERATIONS DE RENSEIGNEMENT**
[72] BENNETT, CHRISTOPHER RYAN, US
[73] WORLD EMERGENCY NETWORK-NEVADA, LTD., US
[85] 2018-09-13
[86] 2017-03-28 (PCT/US2017/024593)
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[25] EN
[54] **A SYSTEM FOR VARIABLE-RATIO BLENDING OF MULTIPLE AGRICULTURAL PRODUCTS FOR DELIVERY VIA A PORTED OPENER**
[54] **SYSTEME POUR LE MELANGE A PROPORTION VARIABLE DE PLUSIEURS PRODUITS AGRICOLES POUR DISTRIBUTION PAR L'INTERMEDIAIRE D'UN ORGANE D'OUVERTURE A ORIFICES**
[72] ROSENGREN, COLIN MARK, CA
[72] RUFF, ROBERT SYDNEY, CA
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] WILSON, GORDON BLAIR, CA
[73] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA
[86] (3017855)
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[25] EN
[54] **CURCUMIN-BASED COMPOSITIONS & METHODS OF USE THEREOF**
[54] **COMPOSITIONS A BASE DE CURCUMINE & LEURS PROCEDES D'UTILISATION**
[72] CAVALERI, FRANCO, CA
[73] CAVALERI, FRANCO, CA
[85] 2018-09-18
[86] 2018-03-08 (PCT/CA2018/050275)
[87] (WO2018/161168)
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[25] EN
[54] **SYSTEM AND METHOD FOR INDUCING FLUTING IN A PAPER PRODUCT BY EMBOSSING WITH RESPECT TO MACHINE DIRECTION**
[54] **SYSTEME ET PROCEDE POUR FORMER DES RAINURES PAR GAUFRAGE DANS UN PRODUIT EN PAPIER SELON LE SENS MACHINE**
[72] GREENFIELD, GILES, US
[73] SCORRBOARD, LLC, US
[85] 2018-09-21
[86] 2017-03-22 (PCT/US2017/023611)
[87] (WO2017/165534)
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[25] EN
[54] **NETWORK APPARATUS, INPUT AND OUTPUT APPARATUS, AND PROGRAM**
[54] **APPAREIL DE RESEAU, APPAREIL D'ENTREE ET DE SORTIE, ET PROGRAMME**
[72] KOMINE, YOSHITAKA, JP
[73] RICOH COMPANY, LTD., JP
[85] 2018-09-24
[86] 2017-04-19 (PCT/JP2017/015747)
[87] (WO2017/183658)
[30] JP (2016-086219) 2016-04-22
[30] JP (2017-081999) 2017-04-18

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[25] EN
[54] **BUILDING PANEL USING ORIENTED FIBER**
[54] **PANNEAU DE CONSTRUCTION A FIBRE ORIENTEE**
[72] SCHIFFMANN, GERHARD P., US
[72] SCHIFFMANN, GLENN P., US
[72] WOJTUSIK, DANIEL, US
[73] COMPOSITE PANEL SYSTEMS, LLC, US
[86] (3019056)
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[25] EN
[54] **BUILDING PANEL USING WRAPPED STUDS**
[54] **PANNEAU DE CONSTRUCTION A MONTANTS ENVELOPPES**
[72] SCHIFFMANN, GERHARD P., US
[72] SCHIFFMANN, GLENN P., US
[72] WOJTUSIK, DANIEL, US
[73] COMPOSITE PANEL SYSTEMS, LLC, US
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[54] **PANNEAU DE CONSTRUCTION COMPORTANT DES FONCTIONS DE CONTROLE DE DEBIT DERESINE**
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[73] TALOS TECHNOLOGY CORPORATION, CN
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[54] **TECHNIQUE D'ACTIVATION D'ANODE IN SITU PAR UNE CATHODE DANS UNE CELLULE ELECTROLYTIQUE POUR L'ELECTROLYSE D'EAU ALCALINE**
[72] CASPERSEN, MICHAEL, DK
[72] EGELUND, SUNE DAASKOV, DK
[72] THERKILDSEN, KASPER TIPSMARK, DK
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[54] **APPAREIL DE COMPOSTAGE, PROCEDE DE COMPOSTAGE ET PROGRAMME**
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[73] NATIONAL UNIVERSITY CORPORATION OBIHIRO UNIVERSITY OF AGRICULTURE AND VETERINARY MEDICINE, JP
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[54] **PROCEDES DE COMPLETION D'UN PUITS ET DISPOSITIF ASSOCIE**
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] SCHULTZ, ROGER L., US
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[54] **MOULAGE AME-ENVELOPPE D'INGENIERIE RENFORCEE HAUTE TEMPERATURE DESTINE AU COULAGE**
[72] GARAY, GREGORY TERRENCE, US
[72] YANG, XI, US
[72] HAMPSHIRE, JOSEPH, US
[72] PRZESLAWSKI, BRIAN DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO ET PROCEDE ET APPAREIL DE DECODAGE VIDEO**
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[72] KIM, IL-KOO, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **ACIER INOXYDABLE AUSTENITIQUE ET PROCEDE POUR LE FABRIQUER**
[72] SETO, MASAHIRO, JP
[72] SAGARA, MASAYUKI, JP
[72] YAMADA, KENTA, JP
[72] OSUKI, TAKAHIRO, JP
[73] NIPPON STEEL CORPORATION, JP
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[54] **APPAREIL RESPIRATOIRE A IONS OXYGENE NEGATIFS A TROIS CHAMBRES PORTABLE**
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[72] LIU, QIJIA, CA
[72] LIU, QIRUI, CA
[73] LIU, YANBING, CN
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[54] **METHOD AND APPARATUS FOR SYNTAX REDUNDANCY REMOVAL IN PALETTE CODING**
[54] **PROCEDE ET APPAREIL DE SUPPRESSION DE REDONDANCE DE SYNTAXE DE CODAGE DE PALETTE**
[72] CHEN, YI-WEN, CN
[72] CHUANG, TZU-DER, CN
[72] HUANG, YU-WEN, CN
[72] SUN, YU-CHEN, CN
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[54] **COUSSIN DE SUPPORT DE PATIENT**
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[72] NARDO, RICHARD P., US
[72] LABEDZ, CHRISTOPHER D., US
[72] SOHRAB, SOLTANI, US
[72] HOLLOPETER, MICHAEL, US
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[54] **IMPRIMANTE 3D DOTEE D'UN DISPOSITIF DE DEPOT ET DISPOSITIF DE NETTOYAGE DE DISPOSITIF DE DEPOT**
[72] HOECHSMANN, RAINER, DE
[72] ORTMEIER, HELMUT, DE
[72] MUELLER, ALEXANDER, DE
[72] SOEHNEL, PETER, DE
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[54] **STATION DE POMPAGE ET OPTIMISATION DE PIPELINE**
[72] FOWLER, EDWARD A., US
[72] FRANKFURT, HARLEY, CA
[72] KLOPPNER, GERD, DE
[72] LEE, YOU HAU, US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **APPAREIL, SYSTEME ET PROCEDE POUR FIXER UN TAMIS SUR UN TAMISEUR GIRATOIRE AVEC UN JOINT DE TAMIS INTEGRE**
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[54] **USAGE DE L'ACIDE 4-CHLOROINDOLE-3-ACETIQUE COMME AGENT DE CONTROLE DE PLANTES INDESIRABLES**
[72] TALBOT, PIERRE, CA
[72] BELANGER, ALAIN, CA
[72] KANELLOS, GEORGE, CA
[72] PURCELL, SHAUN, CA
[72] LEFEBVRE, PAUL, CA
[72] ROY, GENEVIEVE, CA
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[54] **PROCEDES ET SYSTEMES POUR UN SYSTEME DE MANCHONS DE FRACTURATION PONCTUELLE**
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[73] VERTICE OIL TOOLS, US
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[72] BARDI, DAN, CA
[72] DEHAAN, MICHAEL, CA
[72] MARR, JARED, CA
[73] AG GROWTH INTERNATIONAL INC., CA
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[72] LAUCKHART, GREG, US
[73] INTUIT INC., US
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[54] **SYSTEME ET PROCEDE POUR LA MESURE EN LIGNE DE PRESSION DE VAPEUR DANS DES FLUX DE TRAITEMENT D'HYDROCARBURES**
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[73] YOKOGAWA CORPORATION OF AMERICA, US
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[72] EUBELER, JAN PHILIP, DE
[72] STEFFEN, THOMAS, DE
[72] KUHLMANN, BENJAMIN, DE
[73] RKW AGRI GMBH & CO. KG, DE
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[54] **PROCEDE ASSISTE PAR ORDINATEUR ET SYSTEME INFORMATIQUE POUR ENSEIGNER LE PIANO**
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[72] REISER, JOSEPH, CN
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[72] TANAKA, HISAO, JP
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[54] **DERIVES DE PIPERIDINYLE, PROCEDE POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES**
[72] KOTSCHY, ANDRAS, HU
[72] WEBER, CSABA, HU
[72] VASAS, ATTILA, HU
[72] MOLNAR, BALAZS, HU
[72] KISS, ARPAD, HU
[72] MACIAS, ALBA, GB
[72] MURRAY, JAMES BROOKE, GB
[72] LEWKOWICZ, ELODIE, FR
[72] GENESTE, OLIVIER, FR
[72] CHANRION, MAIA, FR
[72] DEMARLES, DIDIER, FR
[73] LES LABORATOIRES SERVIER, FR
[73] VERNALIS (R&D) LIMITED, GB
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[54] **ACRYLIC COPOLYMER COMPOSITION PREPARED FROM VINYL ESTER OR AMIDE FUNCTIONAL MONOMERS**
[54] **COMPOSITION DE COPOLYMERE ACRYLIQUE PREPAREE A PARTIR DE MONOMERES FONCTIONNELS D'ESTER VINYLIQUE OU D'AMIDE**
[72] SWARUP, SHANTI, US
[72] SADVARY, RICHARD J., US
[72] SYPUT, TIMOTHY, US
[72] VENKATESHWARLU, KALSANI, US
[72] LUTZ, KELLY E., US
[72] COCA, SIMION, US
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[54] **DISPOSITIF DE CLIPSAGE POUVANT ETRE RECHARGE PAR HEMOSTASE AVEC MISE EN PRISE PAR MANCHE**
[72] RANDHAWA, NISHANT, IN
[72] SINGH, SUKHVINDER, IN
[72] MOREY, SUBODH, IN
[72] RIVERA, FEDERICO, CR
[73] BOSTON SCIENTIFIC LIMITED, BB
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[54] **CERCUEIL ET ORNEMENT ASSOCIE**
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[73] BATESVILLE SERVICES, INC., US
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[54] **ELEMENT DE MEUBLE COMPORTANT UN MECANISME D'INCLINAISON A CAME**
[72] LAPOINTE, LARRY P., US
[72] ADAMS, CHAD E., US
[72] RAMASUBRAMANIAN, CHANDRASEKAR, US
[73] LA-Z-BOY INCORPORATED, US
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[54] **FORMULATION FOR ANTI-.ALPHA.4.BETA.7 ANTIBODY**
[54] **FORMULATION POUR UN ANTICORPS ANTI-A4S7**
[72] DILUZIO, WILLOW, US
[72] TRUONG, NOBEL T., US
[72] VARGA, CSANAD M., US
[72] PALANIAPPAN, VAITHIANATHAN, US
[72] BROWN, JASON, US
[72] FOX, IRVING H., US
[72] SCHOLZ, CATHERINE, US
[73] MILLENNIUM PHARMACEUTICALS, INC., US
[86] (3028209)
[87] (3028209)
[22] 2012-05-02
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[25] EN
[54] **RENEWABLE ISOPARAFFINS AS DILUENT IN HYDROMETALLURGICAL LIQUID-LIQUID EXTRACTION PROCESS**
[54] **ISOPARAFFINES RENOUVELABLES COMME DILUANT DANS UN PROCESSUS HYDROMETALLURGIQUE D'EXTRACTION LIQUIDE-LIQUIDE**
[72] PAATERO, ERKKI, FI
[72] SAARIO, RAMI, FI
[72] KORTELAINEN, JUKKA, FI
[72] ROUHIAINEN, MAIJA, FI
[72] RAMO, VIRPI, FI
[73] OUTOTEC (FINLAND) OY, FI
[73] NESTE CORPORATION, FI
[85] 2018-12-18
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[54] **SAFETY SYRINGE**
[54] **SERINGUE DE SURETE**
[72] LU, JUN, CN
[72] ZHAO, LIJIE, CN
[72] NI, LIN, CN
[72] CHEN, TIANZHU, CN
[73] JIANGSU CAINA MEDICAL CO., LTD, CN
[85] 2019-01-22
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[25] EN
[54] **METHOD AND APPARATUS FOR ASSEMBLING SHOE COMPONENTS**
[54] **METHODE ET APPAREIL D'ASSEMBLAGE DE COMPOSANTES DE CHAUSSURE**
[72] WANG, SHUI-MU, TW
[73] CHAEI HSIN ENTERPRISE CO., LTD., CN
[86] (3028660)
[87] (3028660)
[22] 2018-12-27
[30] TW (107111673) 2018-04-02

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[54] **FLUID METERING SYSTEM**
[54] **SYSTEME DE DEBITMETRE DE FLUIDE**
[72] BLACK, IAN C., US
[72] BLACK, CHARLES D., US
[72] BLACK, WESLEY F., US
[72] HAYDEN, STEVEN E., US
[73] FLOWCORE SYSTEMS, LLC, US
[86] (3028750)
[87] (3028750)
[22] 2019-01-02
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[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] BERNALIER-DONADILLE, ANNICK, FR
[72] CROUZET, LAUREEN, FR
[72] HABOUZIT, CHLOE, FR
[73] 4D PHARMA PLC, GB
[85] 2018-12-20
[86] 2017-07-13 (PCT/GB2017/052077)
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[25] EN
[54] **NOVEL PYRAZOLE DERIVATIVES AS ALK5 INHIBITORS AND USES THEREOF**
[54] **NOUVEAU DERIVE DE PYRAZOLE EN TANT QU'INHIBITEUR D'ALK5 ET SES UTILISATIONS**
[72] LEE, KYUNG IK, KR
[72] JUNG, YOUNG HEE, KR
[72] SONG, JI YOUNG, KR
[72] JUN, SEUNG AH, KR
[73] HANMI PHARMACEUTICAL CO., LTD., KR
[85] 2018-12-21
[86] 2017-06-30 (PCT/KR2017/006940)
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[30] KR (10-2016-0082824) 2016-06-30
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[25] EN
[54] **A SECTIONAL FOLDING OVERHEAD DOOR ASSEMBLY**
[54] **ENSEMBLE PORTE SECTIONNELLE PLIANTE A LEVAGE VERTICAL**
[72] MEGENS, JOHANNES HENDRIKUS, NL
[73] ROLFLEX EXPLOITATIE B.V., NL
[85] 2018-12-21
[86] 2017-06-23 (PCT/NL2017/050420)
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[25] EN
[54] **SEALING STRUCTURE**
[54] **STRUCTURE D'ETANCHEITE**
[72] OCHI, YUTA, JP
[72] SHIRAKAWA, MICHITO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (3029519)
[87] (3029519)
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[54] **ORTHODONTIC TORQUING**
[54] **PHASE DE SERRAGE ORTHODONTIQUE**
[72] GOODMAN, PHILLIP M., US
[73] GOODMAN, PHILLIP M., US
[86] (3029598)
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[25] EN
[54] **A CAP AND METHOD OF MANUFACTURING A CAP**
[54] **CASQUETTE ET PROCEDE DE FABRICATION DE CASQUETTE**
[72] MAO, ZHEN, CN
[73] SHANGHAI PACIFIC HAT MANUFACTURING CO., LTD, CN
[85] 2019-01-10
[86] 2016-07-13 (PCT/CN2016/089914)
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[25] EN
[54] **EFFECT PIGMENT DISPERSION**
[54] **DISPERSION DE PIGMENT BRILLANT**
[72] OKAZAKI, HIROKAZU, JP
[72] ITOH, MASAYUKI, JP
[72] KURAMOCHI, TATSUO, JP
[73] KANSAI PAINT CO., LTD., JP
[85] 2019-01-11
[86] 2017-02-06 (PCT/JP2017/004265)
[87] (WO2018/012014)
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[25] EN
[54] **POLYMER-BASED ANTIMICROBIAL COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS ANTIMICROBIENNES A BASE DE POLYMERE ET LEURS PROCEDES D'UTILISATION**
[72] CHIATTELLO, MARION L., US
[72] OMAN, MARK, US
[73] EXION LABS INC., US
[85] 2019-01-23
[86] 2017-07-27 (PCT/US2017/044234)
[87] (WO2018/022926)
[30] US (62/368,008) 2016-07-28
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[54] **NASAL IRRIGATION APPARATUS AND KIT**
[54] **APPAREIL ET KIT D'IRRIGATION NASALE**
[72] MECHOR, BRADFORD, CA
[73] RHINOCLEAR NASAL CARE SOLUTIONS INC., CA
[85] 2019-02-13
[86] 2017-08-15 (PCT/CA2017/050967)
[87] (WO2018/032102)
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[25] EN
[54] **WEATHER RESISTANT TUMBLER LOCK**
[54] **VERROU RESISTANT AUX INTEMPERIES**
[72] MCLEOD, JOHN, CA
[72] SABELLI, TONINO, CA
[73] 2603701 ONTARIO INC., CA
[86] (3034503)
[87] (3034503)
[22] 2017-02-09
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[30] CA (2,920,469) 2016-02-09

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[25] EN
[54] **MILLABLE, RECYCLABLE, WATERPROOFING, PAVING FABRIC INTERLAYER SYSTEM AND METHOD OF USE**
[54] **SYSTEME PAR COUCHE INTERMEDIAIRE D`UN TEXTILE DE PAVAGE ETANCHE, RECYCLABLE ET FACILE A FRAISER, ET METHODE D`UTILISATION**
[72] MARIENFELD, MARK LEE, US
[72] NICHOLS, NOAH JOHN, US
[72] RADER, GREGORY HARDING, US
[73] PROPEX OPERATING COMPANY, LLC, US
[86] (3035057)
[87] (3035057)
[22] 2019-02-27
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[25] EN
[54] **BENZENE FUSED HETEROCYCLIC DERIVATIVES AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **DERIVES HETEROCYCLIQUES DE BENZENE FUSIONNE ET COMPOSITION PHARMACEUTIQUE RENFERMANT LESDITS DERIVES**
[72] YANG, SYAULAN S., TW
[72] LEE, KUANG YUAN, TW
[72] LIU, MENG-HSIEN, TW
[72] JIANG, YAN-FENG, TW
[72] FAN, YU-SHIOU, TW
[72] CHEN, CHI-HAN, TW
[72] LIU, SHENG-HUNG, TW
[73] TAIWANJ PHARMACEUTICALS CO., LTD., TW
[85] 2019-03-07
[86] 2018-09-07 (PCT/US2018/049946)
[87] (WO2019/051222)
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[11] **3,036,155**
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[51] **Int.Cl. B62D 55/084 (2006.01)**
[25] EN
[54] **TRACTION SYSTEM FOR A VEHICLE**
[54] **SYSTEME DE TRACTION DESTINE A UN VEHICULE**
[72] MARCHILDON, LOUIS-FREDERIC, CA
[72] DUROCHER, MARC-ANDRE, CA
[72] BELLEMARE, MARTIN, CA
[73] SOUCY INTERNATIONAL INC., CA
[86] (3036155)
[87] (3036155)
[22] 2011-11-09
[62] 2,757,049
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[51] **Int.Cl. B02C 15/08 (2006.01) B02C 15/00 (2006.01) B02C 23/06 (2006.01)**
[25] EN
[54] **PLANETARY ROLLER MILL FOR PROCESSING HIGH MOISTURE FEED MATERIAL**
[54] **BROYEUR A CYLINDRES PLANETAIRES POUR TRAITER UNE MATIERE PREMIERE A HUMIDITE ELEVEE**
[72] CHEN, MICHAEL M., US
[72] CHEN, JIANRONG, US
[72] HOAG, JAMES R., US
[72] PODMOKLY, DAVID M., US
[73] SCHENCK PROCESS LLC, US
[85] 2019-03-11
[86] 2017-10-02 (PCT/US2017/054731)
[87] (WO2018/067444)
[30] US (PCT/US16/55118) 2016-10-03

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[25] EN
[54] **SIMULATOR RIDE**
[54] **PARCOURS DE SIMULATEUR**
[72] WHITE, NATHANAEL G., US
[73] UNIVERSAL CITY STUDIOS LLC, US
[86] (3036655)
[87] (3036655)
[22] 2016-04-25
[62] 2,984,157
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[51] **Int.Cl. B65D 5/02 (2006.01) B65D 5/42 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **RECONFIGURABLE CARTON AND PACKAGE**
[54] **CARTON ET EMBALLAGE RECONFIGURABLES**
[72] FITZWATER, KELLY, R., US
[72] KASTANEK, RAYMOND, S., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2019-03-22
[86] 2017-11-14 (PCT/US2017/061425)
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[25] EN
[54] **RESIN PLUG FOR WELLBORE ABANDONMENT**
[54] **BOUCHON DE RESINE DESTINE A L'ABANDON D'UN PUITS**
[72] CABOT, BERNIE, CA
[72] SCHUMLICK, MARK, CA
[73] NAUTONNIER HOLDING CORP., CA
[86] (3038205)
[87] (3038205)
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[25] EN
[54] **NONWOVEN COMPOSITE**
[54] **COMPOSITE NON-TISSE**
[72] ARVIDSON, SARA A., US
[72] JOHNSON, RYAN W., US
[72] KOHLMAN, RANDOLPH S., US
[72] PETRI, PATRICK A., US
[73] MILLIKEN & COMPANY, US
[85] 2019-04-12
[86] 2017-09-21 (PCT/US2017/052683)
[87] (WO2018/102010)
[30] US (15/363,691) 2016-11-29

[11] **3,041,265**
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[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/24 (2006.01) A47L 5/28 (2006.01) A47L 9/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANING DEVICE WITH FOLDABLE WAND TO PROVIDE STORAGE CONFIGURATION**
[54] **DISPOSITIF DE NETTOYAGE PAR ASPIRATION COMPRENANT UN TUBE PLIABLE POUR FOURNIR UNE CONFIGURATION DE STOCKAGE**
[72] INNES, DANIEL JOHN, US
[72] THORNE, JASON, US
[72] BROWN, ANDRE DAVID, US
[72] PALLADINO, GARY, US
[72] SUTTER, CATRIONA C.A., US
[72] COTTRELL, LEE, US
[72] NIEDZWECKI, SCOTT, US
[72] CHEI, JUNGHWAN, US
[73] SHARKNINJA OPERATING LLC, US
[85] 2019-04-18
[86] 2017-10-18 (PCT/US2017/057227)
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[13] C
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[25] EN
[54] **REMOTE-CONTROLLED GASOLINE CLEANER**
[54] **NETTOYEUR A ESSENCE TELECOMMANDE**
[72] LIU, KAI, CN
[72] XIANG, YING-DIAN, CN
[72] ZHOU, FENG, CN
[72] GAO, XUE-SONG, CN
[72] PEI, YONG, CN
[72] ZHANG, XU, CN
[73] SUMEC HARDWARE & TOOLS CO., LTD., CN
[86] (3042664)
[87] (3042664)
[22] 2019-05-08
[30] CN (201811085581.8) 2018-09-18

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[25] EN
[54] **A DEVICE AND METHOD FOR THERMAL IMAGING OF A LIVING MAMMAL BODY SECTION.**
[54] **DISPOSITIF ET PROCEDE D'IMAGERIE THERMIQUE D'UNE SECTION DE CORPS DE MAMMIFERE VIVANT**
[72] KLEEVEN, ANTONIUS MARIA, NL
[73] DELSENI HOLDING B.V., NL
[85] 2019-05-06
[86] 2017-09-19 (PCT/NL2017/050616)
[87] (WO2018/056806)
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[25] EN
[54] **HINGE FOR A SWITCHGEAR CABINET HOUSING AND CORRESPONDING SWITCHGEAR CABINET HOUSING AND MOUNTING METHOD**
[54] **CHARNIERE POUR BOITIER D'ARMOIRE DE COMMANDE AINSI QUE BOITIER D'ARMOIRE DE COMMANDE ET PROCEDE DE MONTAGE CORRESPONDANTS**
[72] GEORG, FRANK-MIKE, DE
[72] BLOH, ACHIM, DE
[72] RAMDOHR, MARTIN, DE
[72] NEUHOF, MARKUS, DE
[73] RITTAL GMBH & CO. KG, DE
[85] 2019-05-09
[86] 2018-02-15 (PCT/DE2018/100138)
[87] (WO2018/192606)
[30] DE (10 2017 108 586.6) 2017-04-21

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[51] **Int.Cl. B26D 7/26 (2006.01) B26D 1/00 (2006.01) B26D 1/36 (2006.01)**
[25] EN
[54] **KNIFE ASSEMBLY FOR SLICING MACHINES AND MACHINES EQUIPPED THEREWITH**
[54] **ENSEMBLE COUTEAU POUR MACHINES A TRANCHER ET MACHINES EQUIPEES DE CELUI-CI**
[72] JACKO, MICHAEL SCOT, US
[73] URSCHEL LABORATORIES, INC., US
[85] 2019-05-22
[86] 2017-11-08 (PCT/US2017/060633)
[87] (WO2018/089488)
[30] US (62/418,945) 2016-11-08

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[25] EN
[54] **WATER RIDE FLOTATION DEVICE DISPENSER**
[54] **DISTRIBUTEUR DE DISPOSITIF DE FLOTTAISON POUR PROMENADE AQUATIQUE**
[72] SCHWARTZ, JUSTIN MICHAEL, US
[73] UNIVERSAL CITY STUDIOS LLC, US
[86] (3044893)
[87] (3044893)
[22] 2016-10-18
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[51] **Int.Cl. A63K 1/00 (2006.01) A63G 25/00 (2006.01) A63K 99/00 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **THEME PARK SYSTEM FOR VEHICLE DRIVING**
[54] **SYSTEME DE PARC THEMATIQUE POUR CONDUITE DE VEHICULE**
[72] KIM, NA YOUNG, KR
[72] KIM, JONG SEOK, KR
[72] CHUN, HYE JEONG, KR
[73] MONOLITH INC., KR
[85] 2019-06-03
[86] 2018-02-09 (PCT/KR2018/001737)
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[30] KR (10-2017-0019652) 2017-02-13

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[25] EN
[54] **GATE WITH A CRASH-DOWN PREVENTION MECHANISM AND METHOD FOR TRIGGERING THE CRASH-DOWN PREVENTION MECHANISM**
[54] **PORTE EQUIPEE D'UN MECANISME DE PREVENTION D'ECRASEMENT ET METHODE DE DECLENCHEMENT DU MECANISME DE PREVENTION D'ECRASEMENT**
[72] REJC, GABRIJEL, DE
[73] GABRIJEL REJC GMBH & CO. KG, DE
[85] 2019-06-13
[86] 2017-12-15 (PCT/EP2017/083109)
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[30] DE (10 2016 225 079.5) 2016-12-15

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[54] **METHODE DE CONTROLE D`UNE COMPOSITION REFRIGERANTE AU CYCLE DE REFRIGERANT PREMELANGE DANS LA PRODUCTION D`UN GAZ NATUREL LIQUEFIE**
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[73] SAKHALIN ENERGY INVESTMENT COMPANY LTD., BM
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[72] NIKOOYEH, KASRA, CA
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[72] BAUER, JONATHAN P., US
[72] BERKY, CRAIG B., US
[72] CORRAO, ERNEST, N., US
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[54] **ENSEMBLE D'APPAREILS PHOTOS ET DISPOSITIF ELECTRONIQUE MOBILE**
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[54] **MONOGLYCERIDES D'ACIDES GRAS POLYINSATURES, COMPOSITIONS, PROCEDES ET UTILISATIONS DE CEUX-CI**
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[54] **DERIVES DE PYRROLO-PYRIDINE POUR LE TRAITEMENT DE MALADIES ASSOCIEES A LA PROTEINE KINASE**
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[72] KO, EUNHWA, KR
[72] CHO, JOONG-HEUI, KR
[72] SON, JUNG BEOM, KR
[72] KO, YI KYUNG, KR
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[72] KIM, DAYEA, KR
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[54] **ENVIRONNEMENT D'EXECUTION SECURISE BASE SUR UN RESEAU PREDIFFUSE PROGRAMMABLE PAR L'UTILISATEUR DESTINE A ETRE UTILISE DANS UN RESEAU DE CHAINE DE BLOCS**
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[72] PAN, GUOZHEN, CN
[72] YAN, YING, CN
[72] DU, HUABING, CN
[72] ZHAO, BORAN, CN
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[54] **DISPOSITIF ET PROCEDE DE SECURISATION D'UNE CONNEXION RESEAU**
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[73] BYOS INC., CA
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[54] **METHODE DE PRODUCTION D`UN PROFIL DE PLINTHE ET METHODE DE DISPOSITION DU PROFIL DE PLINTHE OBTENU DANS LE COIN ENTRE UN PLANCHER ET UN MUR**
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[72] KONTOSIC, JOHNNY, CA
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[73] S & C ELECTRIC COMPANY, US
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[72] BENICHOU, NETANEL, US
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[72] ENGSTROM, MICHAEL J., US
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[72] LUGO, RODOLFO, US
[72] HELVENSTON, ANDREW BROWNE, US
[72] HEGDE, GAJANAN B., US
[72] RAMASHESHAIAH, SATISH, US
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[54] **APPAREIL ELECTRONIQUE PORTABLE, PROCEDE ET INTERFACE UTILISATEUR GRAPHIQUE POUR AFFICHER DES DOCUMENTS ELECTRONIQUES STRUCTURES**
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[72] CHRISTIE, GREG, US
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[72] WILLIAMSON, RICHARD, US
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[73] ORBILIFT PTY LTD, AU
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[72] NELSON, ERIC, US
[72] REBHOLZ, CHRISTOPHER, US
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[54] **APPAREIL ET PROCEDES DE TRAVERSEE DE TUBE**
[72] WEHLIN, KARL PETTER, US
[72] DUERFELDT, BRYAN R., US
[72] LIU, DIANNA D., US
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[54] **MECANISME SUIVEUR ET UNITE D'ETRIER DE FREIN POUR BOGIE A JAUGE VARIABLE**
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[72] MENG, QINGYU, CN
[72] WANG, LINGJUN, CN
[72] DAI, XIAOCHAO, CN
[72] ZHANG, XIN, CN
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[54] **PROCEDE ET SYSTEME DE SECURISATION DE MINI-REFRIGERATEUR**
[72] BERMAN, GARY, CA
[73] BERMANFALK HOSPITALITY GROUP LLP, CA
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[72] ACOSTA, ERICK, US
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[54] **PROCEDE ET APPAREIL POUR L`OSTREICULTURE**
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[54] **SYSTEME DE COLLECTEURS UTILISANT L`ENERGIE HOULOMOTRICE ETROITEMENT INTERCONNECTES COMPRENANT DES PRISES DE FORCE AUTO-ORIENTEES**
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT EN TEMPS REEL DE DEMANDES DE RESSOURCES**
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[54] **AIR MICROFLUIDICS AND AIR MINIFLUIDICS ENABLED ACTIVE COMPRESSION APPAREL**
[54] **VETEMENT DE COMPRESSION ACTIVE ACTIVE PAR AIR MINIFLUIDIQUE ET AIR MICROFLUIDIQUE**
[72] GAO, RUN ZE R. Z. G., CA
[72] REN, CAROLYN LIQING, CA
[71] GAO, RUN ZE R. Z. G., CA
[71] REN, CAROLYN LIQING, CA
[22] 2019-06-25
[41] 2020-12-25

[21] **3,047,907**
[13] A1
[51] **Int.Cl. B01D 39/16 (2006.01)**
[25] EN
[54] **BARRIERS AND FILTERS**
[54] **BARRIERES ET FILTRES**
[72] MORRIS, VINCENT P., US
[71] ERTEC ENVIRONMENTAL SYSTEMS LLC, US
[22] 2019-06-25
[41] 2020-12-23
[30] US (16/449,427) 2019-06-23

[21] **3,047,911**
[13] A1
[51] **Int.Cl. E05B 77/44 (2014.01) B60J 5/04 (2006.01) B60P 3/36 (2006.01) B62D 25/24 (2006.01) B62D 63/08 (2006.01) E05B 65/06 (2006.01)**
[25] EN
[54] **SECURITY BARRIER FOR OUTWARD-SWING DOORS OF VEHICLES AND METHOD THEREOF**
[54] **BARRIERE DE SECURITE POUR PORTES DE VEHICULES S`OUVRANT VERS L`EXTERIEUR ET PROCEDE ASSOCIE**
[72] GRANT, CHRISTOPHER NELSON, CA
[72] GRANT, LAURA JANE, CA
[71] 1435894 ALBERTA CORP., CA
[22] 2019-06-25
[41] 2020-12-25

[21] **3,047,957**
[13] A1
[51] **Int.Cl. E06C 1/12 (2006.01) E06C 7/00 (2006.01) E06C 7/02 (2006.01)**
[25] EN
[54] **THE LADDER BUDDY**
[54] **DISPOSITIF DE TRANSPORT D`ECHELLES LADDER BUDDY**
[72] BAUGHN, DAVID J., CA
[71] BAUGHN, DAVID J., CA
[22] 2019-06-21
[41] 2020-12-21

[21] **3,048,037**
[13] A1
[51] **Int.Cl. H04N 21/4784 (2011.01) H04N 21/441 (2011.01) H04N 21/475 (2011.01) G06Q 30/02 (2012.01) G06F 3/00 (2006.01)**
[25] EN
[54] **A SYSTEM TO DISTINGUISH HUMAN INPUT FROM MACHINE INPUT ON A VIDEO DELIVERY WEBSITE PRIOR TO AWARDING CLICK-PER-VIEW REWARDS**
[54] **SYSTEME PERMETTANT DE DISTINGUER UNE INTERVENTION HUMAINE D`UNE INTERVENTION MACHINE SUR UN SITE WEB DE DIFFUSION VIDEO AVANT D`ATTRIBUER DES RECOMPENSES EN FONCTION DU NOMBRE DE CLICS**
[72] WONG, CHRISTOPHER D., CA
[71] WONG, CHRISTOPHER D., CA
[22] 2019-06-25
[41] 2020-12-25

[21] **3,048,076**
[13] A1
[51] **Int.Cl. B24D 7/00 (2006.01) B24B 19/00 (2006.01) B24B 41/04 (2006.01)**
[25] EN
[54] **GRINDING TOOL FOR GRINDING BUTTONS ON A ROCK DRILL BIT**
[54] **OUTIL DE RECTIFICATION POUR PASTILLES DE FLEURET DE PERFORATRICE**
[72] SJOLANDER, BO THOMAS, CA
[72] SJOLANDER, BJORN, CA
[71] C.M.E. BLASTING & MINING EQUIPMENT LTD., CA
[22] 2019-06-25
[41] 2020-12-25

[21] **3,048,079**
[13] A1
[51] **Int.Cl. B24B 41/06 (2012.01) B24B 19/00 (2006.01)**
[25] EN
[54] **IMPROVED BIT HOLDER FOR GRINDING APPARATUS**
[54] **PORTE-MECHE AMELIORE POUR APPAREIL A RECTIFIER**
[72] SJOLANDER, BO T., CA
[72] SJOLANDER, BJORN, CA
[71] C.M.E. BLASTING & MINING EQUIPMENT LTD., CA
[22] 2019-06-25
[41] 2020-12-25

[21] **3,048,087**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 9/72 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO INFUSE DRIED CANNABIS**
[54] **PROCEDE ET APPAREIL POUR INFUSER DU CANNABIS SECHE**
[72] GREB, KATHLEEN, CA
[71] CANNTERP INC., CA
[22] 2019-06-26
[41] 2020-12-26

[21] **3,048,110**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS TO CREATE A VIRTUAL RECRUITMENT/HR AGENCY**
[54] **PROCEDES ET SYSTEMES POUR CREER UNE AGENCE VIRTUELLE DES RESSOURCES HUMAINES ET DE RECRUTEMENT**
[72] SYED, ASAD, CA
[72] ALI, MUBASHIR, CA
[71] SYED, ASAD, CA
[71] ALI, MUBASHIR, CA
[22] 2019-06-26
[41] 2020-12-26

[21] **3,048,114**
[13] A1
[51] **Int.Cl. F21V 21/088 (2006.01) F16B 7/04 (2006.01) F16M 13/02 (2006.01) F21V 21/14 (2006.01) F21V 21/34 (2006.01)**
[25] EN
[54] **THE JUNIOR SWIVEL GRID CLAMP (THE APPARATUS)**
[54] **PINCE A GRILLE PIVOTANTE JUNIOR (APPAREIL)**
[72] BECK, ANTHONY G., CA
[71] BECK, ANTHONY G., CA
[22] 2019-06-26
[41] 2020-12-26

[21] **3,048,116**
[13] A1
[51] **Int.Cl. G07C 11/00 (2006.01) G06Q 50/10 (2012.01) G06K 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONDUCTING BACKGROUND SCREENING AND ADJUDICATION**
[54] **SYSTEME ET PROCEDE DE VERIFICATION DES ANTECEDENTS ET D`ARBITRAGE**
[72] UPTON, MICHAEL JOHN, CA
[72] MCANDREW, KORY LEE, CA
[71] GAMBIT IT SOLUTIONS INC., CA
[22] 2019-06-26
[41] 2020-12-26

[21] **3,048,593**
[13] A1
[51] **Int.Cl. A47G 25/14 (2006.01) A44C 21/00 (2006.01) G09F 3/02 (2006.01)**
[25] EN
[54] **GARMENT CHECK SYSTEM**
[54] **PORTEMANTEAUX**
[72] OLIVER, PAUL D., CA
[71] OLIVER, PAUL D., CA
[22] 2019-07-04
[41] 2020-12-24
[30] US (16449433) 2019-06-24

[21] **3,048,721**
[13] A1
[51] **Int.Cl. B65D 81/38 (2006.01) B65D 6/00 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **INSULATED CONTAINER**
[54] **CONTENANT ISOTHERME**
[72] HAAHEIM, KIMBERLY M., CA
[72] HAAHEIM, DARRYL, CA
[71] HAAHEIM, KIMBERLY M., CA
[71] HAAHEIM, DARRYL, CA
[22] 2019-07-05
[41] 2020-12-24
[30] US (16449434) 2019-06-24

[21] **3,049,239**
[13] A1
[51] **Int.Cl. A61H 35/00 (2006.01) A61H 35/02 (2006.01) A61H 35/04 (2006.01)**
[25] EN
[54] **DISPOSABLE NASAL AND EYE WASH DISPENSER**
[54] **DISTRIBUTEUR POUR LAVAGE OCULAIRE ET NASAL JETABLE**
[72] PONTECORVO, GARY J., US
[71] PONTECORVO, GARY J., US
[22] 2019-07-10
[41] 2020-12-21
[30] US (16/449,290) 2019-06-21

[21] **3,052,868**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) H04W 80/00 (2009.01) G06F 3/041 (2006.01) G06F 3/16 (2006.01)**
[25] EN
[54] **HAPTIC DEVICE**
[54] **DISPOSITIF HAPTIQUE**
[72] ZALAC, CLAUDE, CA
[71] BOUTON SMS INC., CA
[22] 2019-08-23
[41] 2020-12-25
[30] US (62/866,565) 2019-06-25
[30] US (16/452,924) 2019-06-26

[21] **3,058,775**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 47/007 (2012.01) E21B 43/20 (2006.01) E21B 43/22 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESSES UTILIZING STEAM AND SOLVENT FOR BITUMEN RECOVERY**
[54] **PROCEDES INTEGRES UTILISANT DE LA VAPEUR ET UN SOLVANT POUR LA RECUPERATION DE BITUME**
[72] SUITOR, MATHEW D., CA
[72] WANG, JIANLIN, CA
[72] LIU, ZHIHONG, CA
[72] GONG, XU, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2019-10-15
[41] 2020-12-20
[30] CA (3,063,414) 2019-03-12

[21] **3,060,448**
[13] A1
[51] **Int.Cl. F24C 15/04 (2006.01) F24C 15/32 (2006.01) F24C 15/36 (2006.01)**
[25] EN
[54] **OVEN DOOR WITH COOLING**
[54] **PORTE DE FOUR A DISPOSITIF DE REFROIDISSEMENT**
[72] BRADEN, BEN, US
[72] MCIVER, IAN, US
[72] PARKER, ROSE MARIE, US
[72] RUSSELL, TIMOTHY, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2019-10-29
[41] 2020-12-26
[30] US (16/452573) 2019-06-26

[21] **3,060,505**
[13] A1
[51] **Int.Cl. F24C 15/04 (2006.01) F24C 15/32 (2006.01) F24C 15/36 (2006.01)**
[25] EN
[54] **THICK OVEN DOOR WITH COOLING**
[54] **PORTE DE FOUR EPAISSE A DISPOSITIF DE REFROIDISSEMENT**
[72] DIEHL, RONALD ALLEN, US
[72] FRONCKOWIAK, JOSIAH, US
[72] MCIVER, IAN, US
[72] PARKER, ROSE MARIE, US
[72] RUSSELL, TIMOTHY, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2019-10-29
[41] 2020-12-26
[30] US (16/452577) 2019-06-26

[21] **3,062,498**
[13] A1
[51] **Int.Cl. B65D 6/16 (2006.01) B65D 6/02 (2006.01) B65D 19/12 (2006.01) B65D 19/16 (2006.01)**
[25] EN
[54] **A COLLAPSIBLE MULTI-TRAY PACKAGING WITH FLEXIBLE INSERT CELLS FOR TRANSPORT OF GOODS**
[54] **EMBALLAGE MULTIPLATEAUX PLIABLE DOTE DE CELLULES D`INSERTION FLEXIBLES POUR LE TRANSPORT DE MARCHANDISES**
[72] HERENYI, ANDREJ, CZ
[72] KNOB. JOSEF, CZ
[71] PPO GROUP CZ, S.R.O., CZ
[22] 2019-11-25
[41] 2020-12-25
[30] CZ (CZ2019-36343) 2019-06-25

[21] **3,064,853**
[13] A1
[51] **Int.Cl. G01F 3/06 (2006.01) F16D 41/00 (2006.01)**
[25] EN
[54] **DIRECTION SELECTIVE UNIDIRECTIONAL CLUTCH ASSEMBLY FOR A FLUID METER COUNTER MODULE ASSEMBLY AND FLUID METER WITH A DIRECTION SELECTIVE UNIDIRECTIONAL CLUTCH ASSEMBLY**
[54] **BLOC D`EMBRAYAGE UNIDIRECTIONNEL A SELECTION DE DIRECTION POUR UN ENSEMBLE DE MODULE DE COMPTEUR POUR DEBITMETRE DE FLUIDE ET DEBITMETRE DE FLUIDE DOTE D`UN BLOC D`EMBRAYAGE UNIDIRECTIONNEL A SELECTION DE DIRECTION**
[72] SMICH, ANDREW, CA
[71] ROMET LIMITED, CA
[22] 2019-12-12
[41] 2020-12-20
[30] US (62/864,045) 2019-06-20

[21] **3,065,266**
[13] A1
[51] **Int.Cl. H03M 1/60 (2006.01) H03M 1/12 (2006.01)**
[25] EN
[54] **SENSING ANALOG SIGNAL THROUGH DIGITAL I/O PINS**
[54] **DETECTION DE SIGNAL ANALOGIQUE AU MOYEN DE BROCHES D`ENTREE/SORTIE NUMERIQUES**
[72] SENGODAN, RAJKUMAR, IN
[72] MUNUSAMY, SARAVANAN, IN
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2019-12-13
[41] 2020-12-21
[30] IN (201911024674) 2019-06-21

[21] **3,072,633**
[13] A1
[51] **Int.Cl. E01C 3/00 (2006.01) E01C 5/00 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DECKING TILES**
[54] **SYSTEME ET PROCEDE DE TUILES A TERRASSE**
[72] SCHNEIDER, CHRISTOPHER MICHAEL, US
[72] MARIN, SIMON RAFAEL, US
[72] BERTKE, PATRICK JOSEPH, US
[71] BARRETTE OUTDOOR LIVING, INC., US
[22] 2020-02-14
[41] 2020-12-25
[30] US (62/866,152) 2019-06-25

[21] **3,072,703**
[13] A1
[51] **Int.Cl. F01D 11/22 (2006.01) F01D 25/16 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE TIP CLEARANCE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE JEU A L`EXTREMITE DE TURBINE A GAZ**
[72] REDFORD, TIMOTHY, CA
[72] MENHEERE, DAVID, CA
[72] KOSTKA, RICHARD, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-02-14
[41] 2020-12-21
[30] US (16/448,508) 2019-06-21

[21] **3,072,725**
[13] A1
[51] **Int.Cl. F01D 11/20 (2006.01) F01D 9/02 (2006.01) F04D 29/46 (2006.01)**
[25] EN
[54] **CLEARANCE CONTROL SYSTEM FOR A COMPRESSOR SHROUD ASSEMBLY**
[54]
[72] NESTEROFF, MICHAEL, US
[72] WHITLOCK, MARK, US
[72] COOPER, NATHANAEL, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2020-02-14
[41] 2020-12-26
[30] US (16/452698) 2019-06-26

[21] **3,072,907**
[13] A1
[51] **Int.Cl. G06F 8/61 (2018.01) G06F 21/57 (2013.01) H04L 9/00 (2006.01) H04L 12/22 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **RULES DRIVEN SOFTWARE DEPLOYMENT AGENT**
[54] **AGENT DE DEPLOIEMENT DE LOGICIELS DICTE PAR DES REGLES**
[72] SAROOD, OSMAN, US
[72] FREI, RANDALL WAYNE, US
[72] FRIDAY, ROBERT J., US
[72] LUOH, KEH-MING, US
[71] JUNIPER NETWORKS, INC., US
[22] 2020-02-19
[41] 2020-12-23
[30] US (16/728,464) 2019-12-27
[30] US (62/865,251) 2019-06-23

[21] **3,073,431**
[13] A1
[51] **Int.Cl. B60R 16/037 (2006.01) G10K 11/178 (2006.01)**
[25] EN
[54] **ADAPTIVE NOISE MASKING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE MASQUAGE DE BRUIT ADAPTATIFS**
[72] LAYTON, LEONARD CHARLES, CA
[72] EVERY, MARK ROBERT, CA
[71] BLACKBERRY LIMITED, CA
[71] 2236008 ONTARIO INC., CA
[22] 2020-02-21
[41] 2020-12-24
[30] US (16/449,901) 2019-06-24

[21] **3,076,420**
[13] A1
[51] **Int.Cl. B09C 1/08 (2006.01) A62D 3/30 (2007.01) B09B 3/00 (2006.01) C09K 3/32 (2006.01) G21F 9/00 (2006.01)**
[25] EN
[54] **NOVEL REMEDIATING COMPOSITION**
[54] **NOUVELLE COMPOSITION D`ASSAINISSEMENT**
[72] BOGARDUS, TIMOTHY J., US
[72] ST. PIERRE, JOSEPH F., US
[71] BOGARDUS, TIMOTHY J., US
[71] ST. PIERRE, JOSEPH F., US
[22] 2020-03-20
[41] 2020-12-21
[30] US (62/864,955) 2019-06-21
[30] US (16/820,876) 2020-03-17

[21] **3,076,648**
[13] A1
[51] **Int.Cl. A61G 1/06 (2006.01) A61G 1/04 (2006.01) A61G 5/04 (2013.01) B62D 51/04 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK DRIVE MODULE FOR AN EMERGENCY STRETCHER**
[54] **MODULE D`ENTRAINEMENT A CHENILLE POUR BRANCARD D`URGENCE**
[72] THOMPSON, BRADLEY M, CA
[72] THOMPSON, RODNEY EUGENE, CA
[72] WATT, JASON CHRISTOPHER, CA
[72] DODGE, JAMES ROBERT, CA
[72] OSCROFT, JULIAN JAN, CA
[71] THOMPSON, BRADLEY M, CA
[71] THOMPSON, RODNEY EUGENE, CA
[71] WATT, JASON CHRISTOPHER, CA
[71] DODGE, JAMES ROBERT, CA
[71] OSCROFT, JULIAN JAN, CA
[22] 2020-03-20
[41] 2020-12-20
[30] US (62/864,243) 2019-06-20

[21] **3,076,784**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **WELL CEMENTING METHOD FOR IMPROVING WELL CEMENTING QUALITY BY CONTROLLING HYDRATION HEAT OF CEMENT SLURRY**
[54] **PROCEDE DE CIMENTATION DE PUITS POUR AMELIORER LA QUALITE DE CIMENTATION DES PUITS PAR REGULATION DE LA CHALEUR D`HYDRATATION D`UN COULIS DE CIMENT**
[72] LIU, SHUOQIONG, CN
[72] ZHANG, HUA, CN
[72] JIN, JIANZHOU, CN
[72] XU, MING, CN
[72] YU, YONGJIN, CN
[72] QI, FENGZHONG, CN
[72] YUE, HONG, CN
[72] ZHENG, YOUCHENG, CN
[72] LI, WEI, CN
[72] MA, YONG, CN
[72] ZHENG, YOUZHI, CN
[72] HUANG, ZHAO, CN
[72] YUAN, JINPING, CN
[72] DING, ZHIWEI, CN
[72] ZHOU, CHONGFENG, CN
[72] ZHANG, CHI, CN
[72] LIU, ZISHUAI, CN
[72] JI, HONGFEI, CN
[72] GUO, YUCHAO, CN
[72] XIA, XIUJIAN, CN
[72] SHEN, JIYUN, CN
[72] LIU, HUITING, CN
[72] FENG, YUSI, CN
[72] LYU, BIN, CN
[72] QU, CONGFENG, CN
[72] LI, YONG, CN
[71] PETROCHINA COMPANY LIMITED, CN
[71] CNPC ENGINEERING TECHNOLOGY R&D COMPANY LIMITED, CN
[22] 2020-03-25
[41] 2020-12-24
[30] CN (201910547879.4) 2019-06-24

[21] **3,077,256**
[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) F23N 3/00 (2006.01) F24D 5/02 (2006.01) F24H 3/02 (2006.01)**
[25] EN
[54] **PORTABLE INDIRECT FUEL FIRED HEATER WITH AUTOMATED COMBUSTION OPTIMIZATION**
[54] **CHAUFFERETTE PORTATIVE A COMBUSTIBLE INDIRECT AVEC OPTIMISATION DE COMBUSTION AUTOMATISEE**
[72] HAAK, ERNEST, CA
[72] ISAAC, DARREN, CA
[71] FROST FIGHTER INC., CA
[22] 2020-03-27
[41] 2020-12-21
[30] US (62864796) 2019-06-21

[21] **3,077,677**
[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/295 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **RELOAD ASSEMBLY INJECTION MOLDED STRAIN GAUGE**
[54] **EXTENSOMETRE MOULE PAR INJECTION POUR ENSEMBLE DE RECHARGEMENT**
[72] EISINGER, JOSEPH, US
[71] COVIDIEN LP, US
[22] 2020-04-09
[41] 2020-12-21
[30] US (16/448,485) 2019-06-21

[21] **3,077,969**
[13] A1
[51] **Int.Cl. B60P 1/64 (2006.01) B60P 1/48 (2006.01) B65G 67/30 (2006.01)**
[25] EN
[54] **ADAPTABLE CONTAINER ASSEMBLY FOR TRUCK-MOUNTED CONTAINERS TO INCREASE DUMPING EFFECTIVENESS**
[54] **CONTENEUR ADAPTABLE POUR CONTENEURS MONTES SUR CAMION POUR AUGMENTER L`EFFICACITE DE DECHARGEMENT**
[72] KHALASI, BHARGAV, CA
[71] DRIVE PRODUCTS INC., CA
[22] 2020-04-15
[41] 2020-12-23

[21] **3,078,036**
[13] A1
[51] **Int.Cl. F01D 25/20 (2006.01) F01M 11/12 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE HAVING OIL LEVEL MEASUREMENT SYSTEM**
[54] **TURBINE A GAZ DOTEE DE DISPOSITIFS DE MESURES DES NIVEAUX D`HUILE**
[72] KOSTKA, RICHARD, CA
[72] MENHEERE, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-14
[41] 2020-12-20
[30] US (16/447,360) 2019-06-20

[21] **3,078,794**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLY AND RETAINER FOR SURGICAL ACCESS ASSEMBLY**
[54] **ASSEMBLAGE SOUPAPE ET DISPOSITIF DE RETENUE DE SOUPAPE POUR ENSEMBLES D`ACCES CHIRURGICAUX**
[72] PILLETERE, ROY, US
[72] BARIL, JACOB, US
[72] EBERSOLE, GARRETT, US
[72] DININO, MATTHEW, US
[72] THOMAS, JUSTIN, US
[72] BROWN, ERIC, US
[72] LAPIERRE, NICOLETTE, US
[71] COVIDIEN LP, US
[22] 2020-04-21
[41] 2020-12-21
[30] US (16/448,654) 2019-06-21

[21] **3,078,802**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **VALVE ASSEMBLIES FOR SURGICAL ACCESS ASSEMBLIES**
[54] **ASSEMBLAGES SOUPAPES POUR ENSEMBLES D`ACCES CHIRURGICAUX**
[72] DININO, MATTHEW, US
[72] PILLETERE, ROY, US
[72] LAPIERRE, NICOLETTE, US
[72] MATTA, GEORGE, US
[72] BARIL, JACOB, US
[72] BROWN, ERIC, US
[72] EBERSOLE, GARRETT, US
[72] DESJARDIN, KEVIN, US
[71] COVIDIEN LP, US
[22] 2020-04-21
[41] 2020-12-21
[30] US (16/448,782) 2019-06-21

[21] **3,078,805**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **SEALS FOR SURGICAL ACCESS ASSEMBLIES**
[54] **JOINTS D`ETANCHEITE POUR ENSEMBLES D`ACCES CHIRURGICAUX**
[72] PILLETERE, ROY, US
[72] LAPIERRE, NICOLETTE, US
[72] DININO, MATTHEW, US
[72] EBERSOLE, GARRETT, US
[72] BARIL, JACOB, US
[72] DESJARDIN, KEVIN, US
[72] BROWN, ERIC, US
[71] COVIDIEN LP, US
[22] 2020-04-21
[41] 2020-12-21
[30] US (16/448,864) 2019-06-21

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[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/06 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLIES FOR SURGICAL ACCESS ASSEMBLIES**
[54] **ENSEMBLES D`ETANCHEITE POUR ENSEMBLES D`ACCES CHIRURGICAUX**
[72] PILLETERE, ROY, US
[72] DININO, MATTHEW, US
[72] LAPIERRE, NICOLETTE, US
[72] EBERSOLE, GARRETT, US
[72] BARIL, JACOB, US
[72] MATTA, GEORGE, US
[72] BROWN, ERIC, US
[72] DESJARDIN, KEVIN, US
[71] COVIDIEN LP, US
[22] 2020-04-21
[41] 2020-12-21
[30] US (16/448,968) 2019-06-21

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64D 35/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING A MULTI-ENGINE ROTORCRAFT**
[54] **SYSTEME ET PROCEDE POUR FAIRE FONCTIONNER UN GIRAVION MULTIMOTEUR**
[72] BEAUCHESNE-MARTEL, PHILIPPE, CA
[72] TANG, POI LOON, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-23
[41] 2020-12-25
[30] US (62/866,178) 2019-06-25
[30] US (16/596,129) 2019-10-08

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[51] **Int.Cl. B64D 31/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPERATING A ROTORCRAFT ENGINE**
[54] **PROCEDE ET SYSTEME POUR FAIRE FONCTIONNER UN MOTEUR DE GIRAVION**
[72] DROLET, MARTIN, CA
[72] DESNOYERS, SYLVAIN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-04-23
[41] 2020-12-20
[30] US (16/447,187) 2019-06-20

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06F 3/048 (2013.01)**
[25] EN
[54] **AUTOMATING SOLVING NP PROBLEMS IN ANNEALER SYSTEMS**
[54] **AUTOMATISATION DE LA RESOLUTION DE PROBLEMES NON DETERMINISTES DANS DES SYSTEMES DE RECUIT**
[72] CHEN, WEI-PENG, US
[72] KOYANAGI, YOICHI, US
[71] FUJITSU LIMITED, JP
[22] 2020-04-22
[41] 2020-12-20
[30] US (16/447656) 2019-06-20

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[51] **Int.Cl. B29C 48/25 (2019.01)**
[25] EN
[54] **PULLER APPARATUS WITH MOVABLE MOUNTING ARM**
[54] **APPAREIL DE TIRAGE DOTE D`UN BRAS DE STATIF MOBILE**
[72] CONRAD, WAYNE ERNEST, CA
[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
[22] 2020-04-22
[41] 2020-12-25
[30] US (62/866,326) 2019-06-25

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[13] A1
[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **RETAINING MECHANISMS FOR TROCAR ASSEMBLY**
[54] **MECANISMES DE RETENUE POUR ENSEMBLE DE TROCART**
[72] SGROI, ANTHONY, US
[72] WILLIAMS, JUSTIN, US
[72] EISINGER, JOSEPH, US
[71] COVIDIEN LP, US
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[41] 2020-12-24
[30] US (16/449,614) 2019-06-24

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[51] **Int.Cl. A61B 17/115 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **LOAD SENSING ASSEMBLIES AND METHODS OF MANUFACTURING LOAD SENSING ASSEMBLIES**
[54] **SYSTEMES DE DETECTION DE CHARGE ET PROCEDES DE FABRICATION DE SYSTEMES DE DETECTION DE CHARGE**
[72] SGROI, ANTHONY JR., US
[71] COVIDIEN LP, US
[22] 2020-04-29
[41] 2020-12-24
[30] US (16/449,813) 2019-06-24

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[51] **Int.Cl. G07C 3/00 (2006.01) G06Q 10/06 (2012.01) G07C 5/00 (2006.01)**
[25] EN
[54] **CLOUD-COUPLED CONNECTED SENSOR DATA AND TELEMATICS**
[54] **DONNEES DE CAPTEUR INFONUAGIQUES CONNECTEES ET COUPLEES ET TELEMATIQUE**
[72] KODAVARTI, RAVI, US
[72] OZTURK, YUSUF, US
[71] RM ACQUISITION, LLC D/B/A RAND MCNALLY, US
[22] 2020-05-04
[41] 2020-12-25
[30] US (16/451,202) 2019-06-25

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[51] **Int.Cl. G01R 29/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED ELECTRICAL ENERGY METER**
[54] **COMPTEUR D`ENERGIE ELECTRIQUE DISTRIBUEE**
[72] PARKER, AARON, US
[72] MOON, ERIC, US
[72] PRZYDATEK, PIOTR, CA
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2020-05-06
[41] 2020-12-20
[30] US (16/447,751) 2019-06-20

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[25] EN
[54] **ELECTRONIC ASSEMBLY WITH MULTI-CHANNEL OUTPUTS**
[54] **BLOC ELECTRONIQUE A SORTIES MULTICANAUX**
[72] FENG, CAN, CN
[72] LIU, ZHICHAO, CN
[72] XING, DONG, CN
[71] CONSUMER LIGHTING (U.S.), LLC, US
[22] 2020-05-08
[41] 2020-12-20
[30] CN (CN 201910534871.4) 2019-06-20

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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEM FOR GENERATING INTERACTIVE USER INTERFACE**
[54] **SYSTEME DE GENERATION D`INTERFACE UTILISATEUR INTERACTIVE**
[72] HARRIS, SARI LYNNE, US
[72] GUARRACINO, MATTHEW ROBERT, US
[71] THE TORONTO-DOMINION BANK, CA
[22] 2020-05-11
[41] 2020-12-25
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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR UPDATING OF AN APPLICATION LAYER FOR A THIRD-PARTY TELEMATICS PROVIDER**
[54] **PROCEDE ET SYSTEME DE MISE A JOUR D`UNE COUCHE APPLICATION POUR UN FOURNISSEUR DE TELEMATIQUE TIERS**
[72] VANDERVEEN, MICHAELA, CA
[72] BARRETT, STEPHEN JOHN, CA
[71] BLACKBERRY LIMITED, CA
[22] 2020-05-13
[41] 2020-12-26
[30] US (16/453,514) 2019-06-26

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[13] A1
[51] **Int.Cl. A61M 5/14 (2006.01) A61L 15/00 (2006.01) A61M 5/158 (2006.01) A61M 39/02 (2006.01) B29C 65/52 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE WITH ADHESIVE PATCH AND METHOD FOR MAKING SAME**
[54] **DISPOSITIF MEDICAL AVEC MOUCHE ADHESIVE ET SON PROCEDE DE FABRICATION**
[72] REED, JEFFREY, US
[72] KNIGHT, JOHN, US
[72] TOWNSEND, SCOTT, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2020-05-19
[41] 2020-12-21
[30] US (62/864,795) 2019-06-21

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[51] **Int.Cl. G01S 3/00 (2006.01) H04W 48/16 (2009.01) H04B 7/0456 (2017.01) H01Q 3/24 (2006.01) H04B 7/24 (2006.01)**
[25] EN
[54] **FAST SPATIAL SEARCH USING PHASED ARRAY ANTENNA**
[54] **RECHERCHE SPATIALE RAPIDE A L`AIDE D`UNE ANTENNE RESEAU A COMMANDE DE PHASE**
[72] RAY, GARY A., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **ELECTRIC DIRECT-DRIVE ACTUATOR**
[54] **ACTIONNEUR A ENTRAINEMENT DIRECT ELECTRIQUE**
[72] GOJKOVIC, MARK, CA
[71] GENERAL DYNAMICS LAND SYSTEMS - CANADA CORPORATION, CA
[22] 2020-05-20
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[51] **Int.Cl. B64D 11/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SEALING A REFRIGERATED GALLEY OF AN AIRCRAFT**
[54] **SYSTEMES ET PROCEDES POUR SCELLER UN OFFICE REFRIGERE D`UN AERONEF**
[72] BROWN, DOUGLAS A., US
[72] SCHALLA, JAMES P., US
[72] BALVANZ, JUSTIN W., US
[72] MORAN, THOMAS J., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **CALIBRATABLE LOG PROJECTION AND ERROR REMEDIATION SYSTEM**
[54] **PROJECTION DE JOURNAL ETALONNABLE ET SYSTEME DE CORRECTION D`ERREUR**
[72] VEMULAPATI, JAYANTI, IN
[72] WILSON, LISA SUZANNE, US
[72] CHITALWALA, MURTUZA, IN
[72] SAVALGI, CHETHANA, IN
[72] BADUGU, SEKHAR A., IN
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
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[41] 2020-12-24
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[54] **LIGHTNING ROD**
[54] **PARATONNERRE**
[72] LORCH, RALF, DE
[72] MUELLER, RAINER, DE
[72] FORKEL, MARKUS, DE
[71] HENSOLDT SENSORS GMBH, DE
[22] 2020-06-01
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[51] **Int.Cl. G06K 9/80 (2006.01) G06N 20/00 (2019.01) G06K 9/50 (2006.01) G06K 9/62 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **DETERMINING EXPERIMENTS REPRESENTED BY IMAGES IN DOCUMENTS**
[54] **DETERMINER LES EXPERIENCES REPRESENTEES PAR LES IMAGES DANS LES DOCUMENTS**
[72] SAHOO, ANSHUMAN, CA
[72] LEUNG, THOMAS KAI HIM, CA
[72] CHEN, DAVID QIXIANG, CA
[72] WIANDA, ELVIS MBOUMIEN, CA
[71] SCINAPSIS ANALYTICS INC. DBA BENCHSCI, CA
[22] 2020-06-02
[41] 2020-12-24
[30] US (16/450,490) 2019-06-24

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[51] **Int.Cl. E03C 1/04 (2006.01)**
[25] EN
[54] **VALVE CARTRIDGE HOUSING ASSEMBLY**
[54] **ENSEMBLE DE BOITIER DE CARTOUCHE DE VALVE**
[72] ALLEN, BENJAMIN MICHAEL, US
[71] DELTA FAUCET COMPANY, US
[22] 2020-05-29
[41] 2020-12-25
[30] US (16/451,846) 2019-06-25

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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SMART SENSOR SYSTEM FOR SEEDING IMPLEMENT**
[54] **SYSTEME DE CAPTEUR INTELLIGENT POUR SEMOIR**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] THOMPSON, DENNIS GEORGE, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2020-06-08
[41] 2020-12-26
[30] US (16/453,457) 2019-06-26

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[51] **Int.Cl. B60T 8/1761 (2006.01) B60T 8/171 (2006.01) B60T 8/176 (2006.01) B60T 17/18 (2006.01) B64C 25/46 (2006.01)**
[25] EN
[54] **BRAKE SYSTEM PROVIDING LIMITED ANTISKID CONTROL DURING A BACKUP MODE OF OPERATION**
[54] **SYSTEME DE FREIN FOURNISSANT UN CONTROLE ANTIDERAPAGE LIMITE EN MODE DE SAUVEGARDE D`UNE OPERATION**
[72] FORGHANI, NIMA, US
[72] YAMAMOTO, DAVID T., US
[72] SMITH, STEVEN ELLIOT, US
[71] THE BOEING COMPANY, US
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[41] 2020-12-25
[30] US (16/451,858) 2019-06-25

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[13] A1
[51] **Int.Cl. E02F 3/43 (2006.01)**
[25] EN
[54] **INDUSTRIAL MACHINE INCLUDING AUTOMATED DUMP CONTROL**
[54] **MACHINE INDUSTRIELLE Y COMPRIS UN CONTROLE DE VIDAGE AUTOMATISE**
[72] WUTKE, JOSEPH R., US
[71] JOY GLOBAL SURFACE MINING INC, US
[22] 2020-06-10
[41] 2020-12-20
[30] US (62/863,993) 2019-06-20

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[51] **Int.Cl. A01D 34/42 (2006.01) A01F 29/06 (2006.01) B02C 18/18 (2006.01)**
[25] EN
[54] **SHEAR BAR**
[54] **BARRE DE COUPE**
[72] ESSIG, WOLFGANG, DE
[72] SCHNEIDER, UWE, DE
[72] SEIFRIED, FABIAN, DE
[72] ROMING, JULIAN, DE
[71] BETEK GMBH & CO. KG, DE
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[41] 2020-12-24
[30] DE (10 2019 116 945.3) 2019-06-24

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[51] **Int.Cl. G01N 29/04 (2006.01) A42B 3/04 (2006.01) B06B 1/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR DETECTING INTERNAL DEFECT IN PROTECTIVE HEADGEAR**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR DETECTER UN DEFAUT INTERNE DANS LE CASQUE PROTECTEUR**
[72] JIANG, LIE, US
[72] SUN, WEI, US
[72] XU, JUNYAN, US
[72] HOU, ZHIXIONG, US
[72] CAO, FENG, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-06-12
[41] 2020-12-20
[30] CN (201910536202.0) 2019-06-20

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[13] A1
[25] FR
[54] **MACHINE AND RELATED PROCESS FOR DRILLING GROUND COVERED IN A POROUS LAYER**
[54] **MACHINE POUR FORER UN SOL RECOUVERT D'UNE COUCHE POREUSE, ET PROCEDE CORRESPONDANT**
[72] DEMARCQ, BRUNO, FR
[72] REYNA, CHRISTOPHE, FR
[72] SITERRE, MAXIME, FR
[71] SOLETANCHE FREYSSINET, FR
[22] 2020-06-12
[41] 2020-12-21
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[25] EN
[54] **CANNABIS PREPARATION MIXER**
[54] **MELANGEUR DE PREPARATION DE CANNABIS**
[72] MCDANIEL, CURTIS, US
[72] MCDANIEL, JACK, US
[72] SHELBY, STEPHEN, US
[71] HANABLEND, LLC, US
[22] 2020-06-16
[41] 2020-12-25
[30] US (16452113) 2019-06-25

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[13] A1
[25] EN
[54] **GAS TURBINE ENGINE SYSTEM**
[54] **SYSTEME DE TURBINE A GAZ**
[72] REDFORD, TIMOTHY, CA
[72] MENHEERE, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-06-16
[41] 2020-12-24
[30] US (16/449,554) 2019-06-24

[21] **3,083,897**
[13] A1
[25] EN
[54] **SYSTEM FOR INTEGRATING DATA FOR CLINICAL DECISIONS**
[54] **SYSTEME POUR INTEGRER DES DONNEES POUR DES DECISIONS CLINIQUES**
[72] ESMAILIAN, MARKARIT, US
[72] ECHOLS-BOOTH, MARCUS, US
[72] SEZAN, MUHAMMED IBRAHIM, US
[72] HALL, ADRIAN, US
[71] ILLUMESENSE INC., US
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[41] 2020-12-20
[30] US (62/864,351) 2019-06-20

[21] **3,084,168**
[13] A1
[25] FR
[54] **STANDALONE AND NON REVERSIBLE PRESSURE SURGE DETECTOR**
[54] **DETECTEUR AUTONOME ET IRREVERSIBLE DE VARIATION DE PRESSION**
[72] HUG, CHRISTIAN, CN
[71] HUG, CHRISTIAN, CN
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[25] EN
[54] **ORTHOPAEDIC TRAUMA DEVICES WITH POROUS REGIONS AND THERAPEUTIC AGENT DELIVERY**
[54] **DISPOSITIFS POUR TRAUMATISME ORTHOPEDIQUE AVEC MILIEUX POREUX ET LIVRAISON D`AGENT THERAPEUTIQUE**
[72] STALCUP, GREGORY C., US
[71] SMED-TA/TD, LLC, US
[22] 2020-06-16
[41] 2020-12-20
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[51] **Int.Cl. F16C 11/04 (2006.01) A47B 43/00 (2006.01) A47F 5/00 (2006.01) F16B 12/00 (2006.01) G09F 5/00 (2006.01)**
[25] EN
[54] **SINGLE ACTION ASSEMBLY TEMPORARY DISPLAY**
[54] **AFFICHAGE TEMPORAIRE D`ENSEMBLE A SIMPLE EFFET**
[72] DIAZ, JUN, CA
[72] VIEIRA, MADELAINE, CA
[71] CENTRAL GRAPHICS AND CONTAINER GROUP LTD., CA
[22] 2020-06-18
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[51] **Int.Cl. H01P 5/02 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **DEVICE FOR ASSEMBLING TWO WAVEGUIDES**
[54] **DISPOSITIF POUR MONTER DEUX GUIDES D`ONDES**
[72] VENDIER, OLIVIER, FR
[72] FOUCTIERE, GILBERT, FR
[72] FORESTIER, STEPHANE, FR
[72] GRANT, BRANDON, US
[72] BREVART, BERTRAND, FR
[72] DUPUY, DIDIER, FR
[71] THALES, FR
[71] BAL SEAL ENGINEERING, LLC, US
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[25] EN
[54] **VEHICLE SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION DE VEHICULE**
[72] NEWSTEAD, MICHAEL, AU
[72] O'CONNELL, MAX, AU
[72] FIORINOTTO, OSCAR, AU
[72] KUYS, PHILLIP, AU
[71] THE DYNAMIC ENGINEERING SOLUTION PTY LTD, AU
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[25] EN
[54] **TELECOMMUNICATIONS PAYLOAD WITH COVERAGE AND CAPACITY FLEXIBILITY**
[54] **CHARGE UTILE DE TELECOMMUNICATIONS AVEC FLEXIBILITE DE COUVERTURE ET DE CAPACITE**
[72] CHARRAT, BERNARD, FR
[71] THALES, FR
[22] 2020-06-19
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[30] FR (1906634) 2019-06-20

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[13] A1
[51] **Int.Cl. B43L 19/00 (2006.01) B29C 35/00 (2006.01) B29C 39/26 (2006.01)**
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[54] **TWO PART SILICONE MOLDABLE ERASER**
[54] **EFFACE MALLEABLE EN SILICONE EN DEUX PARTIES**
[72] MOSKAL, MICHAEL G., US
[72] ANDERSON, CALEIGH, US
[72] SNYDER, MADISON PAIGE, US
[72] TOWNE, JAKE, US
[71] CRAYOLA LLC, US
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[41] 2020-12-21
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[54] **AN AIR VENT**
[54] **GRILLE D`AERATION**
[72] VOSS, MICHAEL, ZA
[71] ROCK SOLID INDUSTRIES INTERNATIONAL (PTY) LTD, ZA
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[51] **Int.Cl. H03M 7/30 (2006.01) G06F 16/22 (2019.01)**
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[54] **ADVANCED DATABASE DECOMPRESSION**
[54] **DECOMPRESSION DE BASES DE DONNEES AVANCEE**
[72] LASCH, ROBERT, DE
[72] OUKID, ISMAIL, DE
[72] MAY, NORMAN, DE
[71] SAP SE, DE
[22] 2020-06-19
[41] 2020-12-21
[30] US (62/864,782) 2019-06-21
[30] US (16/834,839) 2020-03-30

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[51] **Int.Cl. A61L 2/18 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **IODINATED RESIN CARTRIDGE FOR SPRAY BOTTLE**
[54] **CARTOUCHE DE RESINE IODEE POUR FLACON PULVERISATEUR**
[72] MILLER, LARRY, CA
[72] DIAMOND, RONALD S., CA
[71] IOTEX ANTI-INFECTION PRODUCTS INC., CA
[22] 2020-06-19
[41] 2020-12-21
[30] US (62/864943) 2019-06-21

[21] **3,084,413**
[13] A1
[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATICALLY VALIDATING COTS AND DEVICE FOR IMPLEMENTING THE METHOD**
[54] **PROCEDE POUR VALIDER AUTOMATIQUEMENT DES COTS ET DISPOSITIF POUR METTRE EN OEUVRE E PROCEDE**
[72] KAAKAI, FATEH, FR
[72] PESQUET, BEATRICE, FR
[71] THALES, FR
[22] 2020-06-19
[41] 2020-12-20
[30] FR (1906638) 2019-06-20

[21] **3,084,416**
[13] A1
[51] **Int.Cl. G01N 27/00 (2006.01) A61B 18/18 (2006.01) H01J 49/04 (2006.01)**
[25] EN
[54] **SPATIO-TEMPORAL LOCALIZATION FOR MASS SPECTROMETRY SAMPLE ANALYSIS**
[54] **LOCALISATION SPATIO-TEMPORELLE POUR ANALYSE D`ECHANTILLON DE SPECTROMETRE DE MASSE**
[72] ASSELIN, MARK, CA
[72] FICHTINGER, GABOR, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[22] 2020-06-19
[41] 2020-12-20
[30] US (62/864,137) 2019-06-20

[21] **3,084,520**
[13] A1
[51] **Int.Cl. B60D 1/46 (2006.01) B60D 1/24 (2006.01) B60D 1/42 (2006.01)**
[25] EN
[54] **HITCH MECHANISM**
[54] **MECANISME D`ATTELAGE**
[72] LAWLER, RICHARD J., US
[72] DEORE, HARSHAL, US
[72] MOIDDIN, SYED GOUSE, US
[72] NEUMANN, BRYON P., US
[72] KUMAR, AKSHAY, US
[71] DEERE & COMPANY, US
[22] 2020-06-18
[41] 2020-12-26
[30] US (16/453,174) 2019-06-26

[21] **3,084,535**
[13] A1
[51] **Int.Cl. F15B 11/12 (2006.01)**
[25] EN
[54] **PROPORTIONAL CONTROL FLUID ACTUATOR**
[54] **ACTIONNEUR DE FLUIDE DE REGULATION A ACTION PROPORTIONNELLE**
[72] THOMPSON, KENNETH E., US
[72] TIETZ, RYAN S., US
[72] DANDAMUDI, VINAY, US
[71] AIR POWER SYSTEMS CO., LLC, US
[22] 2020-06-22
[41] 2020-12-24
[30] US (62/865,547) 2019-06-24
[30] US (16/670,246) 2019-10-31

[21] **3,084,537**
[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A62B 9/00 (2006.01)**
[25] EN
[54] **MASK FOR DIVING, IN PARTICULAR OF THE FULL FACE TYPE WITH ASSISTED BREATHING**
[54] **MASQUE DE PLONGEE, EN PARTICULIER DE TYPE FACE PLEINE MUNI D`UN TUBE DE RESPIRATION ASSISTEE**
[72] GAMBERINI, SERGIO, IT
[72] CUCCHIA, GABRIELE, IT
[71] MESTEL SAFETY S.R.L., IT
[22] 2020-06-22
[41] 2020-12-24
[30] IT (102019000009903) 2019-06-24

[21] **3,084,539**
[13] A1
[51] **Int.Cl. E04B 5/02 (2006.01) E04B 1/38 (2006.01) E04F 15/02 (2006.01) F16B 5/06 (2006.01)**
[25] EN
[54] **STEP CLIP FASTENING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CLIP DE FIXATION DE MARCHEPIED**
[72] SCHNEIDER, CHRISTOPHER MICHAEL, US
[71] BARRETTE OUTDOOR LIVING, INC., US
[22] 2020-06-22
[41] 2020-12-24
[30] US (62865519) 2019-06-24
[30] US (16887098) 2020-05-29

[21] **3,084,541**
[13] A1
[51] **Int.Cl. E05B 65/08 (2006.01)**
[25] EN
[54] **SASH LOCK CAPABLE OF BI-DIRECTIONAL ENGAGEMENT**
[54] **SERRURE DE CHASSIS POUVANT ETRE ENGAGEE DE FACON BIDIRECTIONNELLE**
[72] GUELCK, VOLKER, US
[71] PLY GEM INDUSTRIES, INC., US
[22] 2020-06-22
[41] 2020-12-25
[30] US (16/451,464) 2019-06-25

[21] **3,084,544**
[13] A1
[51] **Int.Cl. A01M 23/00 (2006.01) A01M 1/14 (2006.01)**
[25] EN
[54] **REUSABLE TRAY FOR A GLUE BOARD TRAP AND A TRAP HAVING SUCH A TRAY FITTED WITH A REPLACEABLE GLUE BOARD**
[54] **PLATEAU REUTILISABLE POUR UN PIEGE UTILISANT UN PANNEAU ADHESIF ET UN PIEGE AYANT UN TEL PLATEAU MUNI D`UN PANNEAU ADHESIF REMPLACABLE**
[72] HANEY, LUKE B., US
[72] KELLEY-BROWN, ALLYSSA, US
[71] WOODSTREAM CORPORATION, US
[22] 2020-06-22
[41] 2020-12-24
[30] US (16/449,903) 2019-06-24

[21] **3,084,558**
[13] A1
[51] **Int.Cl. E04F 13/072 (2006.01) B44F 9/00 (2006.01) E04C 2/20 (2006.01) E04F 15/10 (2006.01) F16S 1/02 (2006.01)**
[25] EN
[54] **RANDOMIZED SURFACE PANEL KIT AND SURFACE PANEL SYSTEM**
[54] **TROUSSE DE PANNEAU DE SURFACE ALEATOIRE ET SYSTEME DE PANNEAU DE SURFACE**
[72] BRIGGS, TIMOTHY, US
[72] DUBOST, BRICE, US
[71] CERTAINTEED LLC, US
[22] 2020-06-22
[41] 2020-12-20
[30] US (62/864,156) 2019-06-20

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[21] **3,084,570**
[13] A1
[51] **Int.Cl. B60T 7/20 (2006.01) B60T 17/18 (2006.01)**
[25] EN
[54] **METHOD FOR PROTECTING THE AIR SYSTEM IN A COMMERCIAL VEHICLE IN THE EVENT OF TRAILER BREAK-AWAY**
[54] **PROCEDE POUR PROTEGER LE SYSTEME D`ADMISSION D`AIR DANS UN VEHICULE COMMERCIAL EN CAS DE RUPTURE DE REMORQUE**
[72] CARRITTE, TIMOTHY, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[22] 2020-06-22
[41] 2020-12-25
[30] US (16/451,579) 2019-06-25

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[21] **3,084,629**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **PREDICTING CAPITAL NEEDS**
[54] **MODELE DE PREDICTION DES BESOINS EN CAPITAL**
[72] RESES, JACQUELINE, US
[72] KIM, AUDREY, US
[72] KOSEV, THEODORE, US
[72] MONTGOMERY, ANDY, US
[71] SQUARE. INC., US
[22] 2020-06-23
[41] 2020-12-24
[30] US (62/865,595) 2019-06-24
[30] US (16/526,888) 2019-07-30
[30] US (16/526,906) 2019-07-30

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[21] **3,084,635**
[13] A1
[51] **Int.Cl. E04D 5/10 (2006.01) B32B 7/022 (2019.01) B32B 27/08 (2006.01) E04D 5/06 (2006.01)**
[25] EN
[54] **ROOFING UNDERLAYMENT WITH HYDROPHOBIC NONWOVEN CORE**
[54] **DOUBLURE INFERIEURE D`UNE TOITURE MUNIE DE NOYAU NON TISSE HYDROPHOBE**
[72] VIDO, MARTIN, CA
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2020-06-22
[41] 2020-12-24
[30] US (62/865,581) 2019-06-24

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[21] **3,084,636**
[13] A1
[51] **Int.Cl. E04D 5/10 (2006.01) E04D 5/06 (2006.01)**
[25] EN
[54] **ROOFING UNDERLAYMENT WITH ENHANCED WALKABILITY AND TRACTION**
[54] **DOUBLURE INFERIEURE D`UNE TOITURE MUNIE D`UNE FONCTION AMELIOREE DE MARCHABILITE ET DE TRACTION**
[72] ROBINSON, CHRIS, US
[72] VIDO, MARTIN, CA
[72] SUN, ZHENCHAO, US
[72] WOODALL, JASON, US
[72] THAXTON, STEVE, US
[72] DIFILIPPO, SABRINA, US
[72] PRUZINSKY, STEPHANIE, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2020-06-22
[41] 2020-12-24
[30] US (62/865,572) 2019-06-24

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[21] **3,084,637**
[13] A1
[51] **Int.Cl. B65D 85/808 (2006.01) B65B 29/06 (2006.01)**
[25] EN
[54] **BIODEGRADABLE COFFEE SACHETS AND METHOD FOR MANUFACTURING THE SAME**
[54] **DOSETTES DE CAFE BIODEGRADABLES ET LEUR PROCEDE DE FABRICATION**
[72] GAUDET, ANNIE, CA
[71] MAISON DE TORREFACTION COULEUR CAFE INC., CA
[22] 2020-06-23
[41] 2020-12-26
[30] US (62/866,866) 2019-06-26

[21] **3,084,638**
[13] A1
[51] **Int.Cl. G01S 15/89 (2006.01) E21B 47/18 (2012.01) G01N 29/44 (2006.01) H04N 19/70 (2014.01)**
[25] EN
[54] **COMPRESSION OF ULTRASOUND DATA IN FLUID CONDUITS**
[54] **COMPRESSION DES DONNEES D`ULTRASON DANS DES CONDUITS DE FLUIDE**
[72] WRINCH, STEVE, CA
[71] DARKVISION TECHNOLOGIES INC, CA
[22] 2020-06-23
[41] 2020-12-24
[30] GB (GB1909053.9) 2019-06-24

[21] **3,084,639**
[13] A1
[51] **Int.Cl. B65C 9/00 (2006.01) B41F 19/00 (2006.01) B41J 3/44 (2006.01)**
[25] EN
[54] **LABEL APPLYING APPARATUS AND METHODS OF USE**
[54] **APPAREIL A ETIQUETER ET MODES D`UTILISATION**
[72] SNEDECOR, MARK T., US
[72] BOWDEN, MARK N., US
[72] ROE, JOHN A., US
[71] ID TECHNOLOGY LLC, US
[22] 2020-06-23
[41] 2020-12-26
[30] US (62/866,927) 2019-06-26

[21] **3,084,642**
[13] A1
[51] **Int.Cl. B64C 7/00 (2006.01) B64C 1/26 (2006.01)**
[25] EN
[54] **WING TO FUSE JUNCTION SHAPING, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **AILE POUR FUSIONNER LA FORMATION DE JONCTION ET SYSTEMES ET PROCEDES CONNEXES**
[72] BOCHUD, PASCAL, CA
[72] MOKHTARIAN, FARZAD, CA
[72] PEPIN, FRANCOIS, CA
[72] KAFYEKE, FASSI, CA
[71] BOMBARDIER INC., CA
[22] 2020-06-23
[41] 2020-12-24
[30] US (62/865,869) 2019-06-24

[21] **3,084,644**
[13] A1
[51] **Int.Cl. H04W 40/36 (2009.01) H04W 36/08 (2009.01) H04W 80/04 (2009.01) H04W 76/34 (2018.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUSES FOR DEVICE ROUTING MANAGEMENT**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE GESTION DES ACHEMINEMENTS**
[72] STEPHENS, BILLY, US
[72] SIDDALINGA, PRASAD RAMANAHALLY, US
[72] SHARMA, SANJAY KUMAR, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2020-06-23
[41] 2020-12-24
[30] US (62/865,754) 2019-06-24
[30] US (16/889,351) 2020-06-01

[21] **3,084,647**
[13] A1
[51] **Int.Cl. B28C 7/06 (2006.01) B01F 5/00 (2006.01) B01F 15/04 (2006.01)**
[25] EN
[54] **MOBILE AGGREGATE HOPPER**
[54] **TREMIS A AGREGATS MOBILE**
[72] KOPPELAAR, GREG, CA
[72] KOPPELAAR, KEVIN, CA
[72] PENNINGS, MARK, CA
[72] DOROMBOZI, RON, CA
[72] GALL, GREGORY D, CA
[72] HOLLANDER, NATHAN DEN, CA
[71] BAY-LYNX MANUFACTURING INC., CA
[22] 2020-06-23
[41] 2020-12-25
[30] US (62/866,322) 2019-06-25

[21] **3,084,651**
[13] A1
[51] **Int.Cl. G01N 21/61 (2006.01) G01J 3/12 (2006.01) G01N 21/25 (2006.01)**
[25] EN
[54] **TOROIDAL MULTIPASS ABSORPTION DEVICE**
[54] **DISPOSITIF TOROIDAL D`ABSORPTION A TRAJETS MULTIPLES**
[72] BERNACKI, BRUCE E., US
[72] PHILLIPS, MARK C., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2020-06-23
[41] 2020-12-25
[30] US (16/452,018) 2019-06-25

[21] **3,084,701**
[13] A1
[51] **Int.Cl. F42C 15/42 (2006.01) F42C 15/44 (2006.01) F42C 19/08 (2006.01) F42C 19/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTIVELY DISABLING ELECTRICAL AND MECHANICAL DEVICES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DESACTIVER SELECTIVEMENT DES DISPOSITIFS ELECTRIQUES ET MECANIQUES**
[72] PALO, JOSEPH DAN, US
[71] JD PHARMA, LLC, US
[22] 2020-06-23
[41] 2020-12-24
[30] US (16/449,909) 2019-06-24

[21] **3,084,743**
[13] A1
[51] **Int.Cl. E21B 21/06 (2006.01) B01D 19/00 (2006.01)**
[25] EN
[54] **DEVICE FOR EXTRACTING GAS FROM A DRILLING FLUID FOR A SYSTEM FOR CONDUCTING SUBTERRANEAN DRILLING OPERATIONS**
[54] **DISPOSITIF POUR EXTRAIRE DU GAZ D`UN FLUIDE DE FORAGE POUR UN SYSTEME MENANT DES OPERATIONS DE FORAGE SOUTERRAIN**
[72] NEUBERT, ALBERT, US
[72] WHITT, JEREMY, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2020-06-23
[41] 2020-12-24
[30] US (62/865691) 2019-06-24

[21] **3,084,759**
[13] A1
[51] **Int.Cl. B62D 25/20 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **MODULAR LIGHT WEIGHT UNIVERSAL NON-INVASIVE RETRACTABLE STORAGE SYSTEM FOR A TRUCK BED, VAN AND/OR A TRAILER BED**
[54] **SYSTEME DE STOCKAGE RETRACTABLE UNIVERSEL DE TARE MODULAIRE POUR PLATEFORME DE CAMION, PLATEFORME DE FOURGON ET/OU PLATEFORME DE REMORQUE**
[72] SOSNOWICH, LANCE E., CA
[72] DONER, ALAN V., CA
[72] NASH, LARRY M., CA
[71] SOSCO LTD., CA
[22] 2020-06-24
[41] 2020-12-26
[30] US (62/866,955) 2019-06-26

[21] **3,084,760**
[13] A1
[51] **Int.Cl. G07C 11/00 (2006.01) G06Q 50/26 (2012.01) G06K 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONDUCTING BACKGROUND SCREENING AND ADJUDICATION**
[54] **SYSTEME ET PROCEDE DE VERIFICATION DES ANTECEDENTS ET D`ARBITRAGE**
[72] UPTON, MICHAEL JOHN, CA
[72] MCANDREW, KORY LEE, CA
[71] GAMBIT IT SOLUTIONS INC., CA
[22] 2020-06-24
[41] 2020-12-26
[30] CA (3,048,116) 2019-06-26

[21] **3,084,768**
[13] A1
[51] **Int.Cl. B65G 47/86 (2006.01)**
[25] EN
[54] **TRANSFER SYSTEM, TRANSPORT SYSTEM AND METHOD FOR REMOVING SLEEVE-SHAPED WORKPIECES FROM A FIRST CONVEYOR AND FOR PUSHING THE SLEEVE-SHAPED WORKPIECES ONTO A SECOND CONVEYOR**
[54] **SYSTEME DE TRANSFERT, SYSTEME DE TRANSPORT ET PROCEDE POUR RETIRER LES PIECES A USINER EN FORME DE MANCHON D`UN PREMIER CONVOYEUR ET POUR POUSSER CES DITES PIECES DANS LE DEUXIEMECONVOYEUR**
[72] SCHULZ, JOSEF, DE
[71] HINTERKOPF GMBH, DE
[22] 2020-06-23
[41] 2020-12-24
[30] EP (19 181 969.7) 2019-06-24

[21] **3,084,781**
[13] A1
[51] **Int.Cl. G01R 33/565 (2006.01)**
[25] EN
[54] **MAGNETIC RESONANCE IMAGING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D`IMAGERIE PAR RESONNANCE MAGNETIQUE**
[72] STAINSBY, JEFF ALAN, CA
[72] HARRIS, CHAD TYLER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2020-06-24
[41] 2020-12-24
[30] US (16/449,624) 2019-06-24

[21] **3,084,786**
[13] A1
[51] **Int.Cl. B05C 5/02 (2006.01)**
[25] EN
[54] **SEALANT DISCHARGE NOZZLE AND SEALANT DISCHARGE APPARATUS**
[54] **BUSE DE DECHARGE DE PRODUIT D`ETANCHEITE ET APPAREIL DE DECHARGE DE PRODUIT D`ETANCHEITE**
[72] OKAMOTO, MASAYOSHI, JP
[72] MAWATARI, TADAMICHI, JP
[72] TSUCHIYA, KENSUKE, JP
[72] ZAITSU, MASAYOSHI, JP
[72] OTSUKI, NAOHIRO, JP
[72] TSUCHIYA, JUNJI, JP
[72] MATSUMOTO, YOUHEI, JP
[71] THE UNIVERSITY OF TOKYO, JP
[22] 2020-06-25
[41] 2020-12-26
[30] JP (2019-118190) 2019-06-26

[21] **3,084,787**
[13] A1
[51] **Int.Cl. A63B 21/02 (2006.01) A63B 21/06 (2006.01)**
[25] EN
[54] **EXERCISE APPARATUS**
[54] **APPAREIL D`EXERCICE**
[72] DOMINIQUE, GERALD, CA
[71] DOMINIQUE, GERALD, CA
[22] 2020-06-25
[41] 2020-12-25
[30] US (62/921,569) 2019-06-25

[21] **3,084,789**
[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) G16H 40/60 (2018.01) A61B 5/055 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR TRANSFORMING A DIFFUSION-WEIGHTED MAGNETIC RESONANCE IMAGE TO A PATIENT DIFFUSION-WEIGHTED MAGNETIC RESONANCE COORDINATE SPACE**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR TRANSFORMER UNE IMAGERIE PAR RESONANCE MAGNETIQUE PONDEREE EN DIFFUSION EN UN ESPACE COORDONNE DE RESONANCE MAGNETIQUE PONDEREE EN DIFFUSION**
[72] ALEXANDER, SIMON KENLEY, CA
[72] WITCOMB, NEIL JEFFREY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2020-06-25
[41] 2020-12-25
[30] US (16/451605) 2019-06-25

[21] **3,084,878**
[13] A1
[51] **Int.Cl. A47D 13/02 (2006.01) A47D 1/00 (2006.01)**
[25] EN
[54] **CHILD CARRIER**
[54] **PORTE-BEBE**
[72] LI, JIAN-QUN, CN
[71] WONDERLAND SWITZERLAND AG, CH
[22] 2020-06-24
[41] 2020-12-24
[30] CN (201910553079.3) 2019-06-24

[21] **3,084,887**
[13] A1
[51] **Int.Cl. C07D 213/34 (2006.01) C07D 209/12 (2006.01) C07D 215/12 (2006.01) C07D 215/20 (2006.01) C07D 221/14 (2006.01) C07D 263/56 (2006.01) C07D 271/12 (2006.01) C07D 277/64 (2006.01) C07D 285/14 (2006.01) G01N 33/48 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **COMPOUND AND DIMER COMPLEX EMBODIMENTS FOR SUPRAMOLECULAR SENSING**
[54] **MODES DE REALISATION COMPLEXE DE COMPOSE ET DE DIMERE POUR DETECTION SUPRAMOLECULAIRE**
[72] HOF, FRASER, CA
[72] SELINGER, ALLISON, CA
[72] BEATTY, MEAGAN, CA
[71] UVIC INDUSTRY PARTNERSHIPS INC., CA
[22] 2020-06-24
[41] 2020-12-25
[30] US (62/866473) 2019-06-25

[21] **3,084,891**
[13] A1
[51] **Int.Cl. A61K 8/34 (2006.01) A61N 5/06 (2006.01) A61N 7/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING SKIN CONDITIONS USING INFRARED LIGHT AND RESORCINOLS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D`AFFECTIONS CUTANEES AU MOYEN DE LUMIERE INFRAROUGE ET DE RESORCINOLS**
[72] FASSIH, ALI, US
[72] LI, WEN-HWA, US
[72] PARSA, RAMINE, US
[72] SOUTHALL, MICHAEL D., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2020-06-25
[41] 2020-12-25
[30] US (16/451762) 2019-06-25

[21] **3,084,892**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) A61J 7/04 (2006.01) B65G 1/04 (2006.01)**
[25] EN
[54] **AUTOMATED PHARMACY DISPENSING MACHINE WITH AUTOCALIBRATION STATION**
[54] **DISTRIBUTEUR AUTOMATIQUE DE PRODUITS PHARMACEUTIQUES AVEC STATION D`ETALONNAGE AUTOMATIQUE**
[72] CROSS, JOE, US
[72] CURL, WELDON, JR., US
[72] SAYRES, JUSTIN, US
[71] PARATA SYSTEMS, LLC, US
[22] 2020-06-25
[41] 2020-12-25
[30] US (62/866323) 2019-06-25

[21] **3,084,896**
[13] A1
[51] **Int.Cl. A63B 21/02 (2006.01) A63B 21/06 (2006.01) A63B 24/00 (2006.01) H01F 7/06 (2006.01)**
[25] EN
[54] **MAGNETICALLY ASSISTED RESISTANCE APPARATUS AND METHOD OF USE THEREOF**
[54] **APPAREIL DE RESISTANCE ASSISTEE MAGNETIQUEMENT ET SON PROCEDE D`UTILISATION**
[72] COTE, ERIC, CA
[71] LES TECHNOLOGIES TECKING INC., CA
[22] 2020-06-25
[41] 2020-12-25
[30] US (62/866,313) 2019-06-25

[21] **3,084,924**
[13] A1
[51] **Int.Cl. B60K 13/02 (2006.01)**
[25] EN
[54] **RAM AIR VENT FOR A VEHICLE**
[54] **BOUCHE D`AIR DYNAMIQUE POUR VEHICULE**
[72] SAVARD, LAURENT, CA
[72] HAMEL-GAGNON, MATHIEU, CA
[72] MATHIEU, PATRICK, CA
[72] LEFRANCOIS, JEROME, CA
[72] GINGRAS, LOUIS-CHARLES, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2020-06-26
[41] 2020-12-26
[30] US (62/866,669) 2019-06-26

[21] **3,084,926**
[13] A1
[51] **Int.Cl. B60J 11/00 (2006.01) B62J 19/00 (2006.01)**
[25] EN
[54] **COVER FOR A VEHICLE**
[54] **TABLIER DE PROTECTION POUR VEHICULE**
[72] HOULE, BENJAMIN, CA
[72] LETENDRE, CAROLINE, CA
[72] MORISSETTE, BENOIT, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[30] US (62/866,833) 2019-06-26

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[51] **Int.Cl. F03D 17/00 (2016.01) G01N 17/00 (2006.01) G01S 5/22 (2006.01)**
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[54] **WIND TURBINE BLADE MONITORING SYSTEMS**
[54] **SYSTEME DE SURVEILLANCE DES PALES D`EOLIENNE**
[72] LOWENHAR, EDWARD P., US
[72] BRADSHAW, TIM, US
[72] COLE, PHILLIP TREVOR, US
[71] MISTRAS GROUP, INC., US
[22] 2020-06-22
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[25] EN
[54] **METHOD AND APPARATUS FOR TERAHERTZ DETECTION OF CHARGED MOLECULES AND MICROBES**
[54] **PROCEDE ET APPAREIL POUR LA DETECTION TERAHERTZ DES MICROBES ET DES MOLECULES CHARGEES**
[72] OZAKI, TSUNEYUKI, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[22] 2020-06-25
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[25] EN
[54] **GAS TURBINE AUXILIARY POWER UNIT**
[54] **GROUPE AUXILIAIRE DE PUISSANCE POUR TURBINE A GAZ**
[72] REDFORD, TIMOTHY, CA
[72] MENHEERE, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-06-22
[41] 2020-12-24
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[51] **Int.Cl. E01H 5/06 (2006.01) B60D 3/00 (2006.01)**
[25] EN
[54] **SNOW PLOW AND MOUNT ASSEMBLY**
[54] **CHASSE-NEIGE ET PLAQUE DE FIXATION**
[72] BARKER, CHAD THOMAS, US
[72] BLOXDORF, DAVID N., US
[72] CURRAN, MATTHEW THOMA, US
[72] DEPIES, GERALD L., US
[72] HORN, CHRISTOPHER AARON, US
[72] IVERSON, BOB, US
[72] MORRIS, LEONARD D., US
[71] DOUGLAS DYNAMICS, L.L.C., US
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[25] EN
[54] **SHUNT TRUCK POSITIONED TRAILER STAND**
[54] **SUPPORT DE REMORQUE POSITIONNE AU CAMION DE DERIVATION**
[72] DI BIASE, JOSEPH J., CA
[71] IDEAL WAREHOUSE INNOVATIONS, INC., CA
[22] 2020-06-24
[41] 2020-12-24
[30] US (62/865727) 2019-06-24
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[51] **Int.Cl. A61K 8/64 (2006.01) A61K 8/36 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS CONTAINING N-ACYL DIPEPTIDE DERIVATIVES AND GLYCOLIC ACID**
[54] **COMPOSITIONS TOPIQUES COMPRENANT DES DERIVES N-ACYLDIPEPTIDES ET DE L`ACIDE GLYCOLIQUE**
[72] BYREN, DAVID SCOTT, US
[72] CHUA, DERRICK, US
[72] DUFORT, MARISA DE VITA, US
[72] RUSH, ALLISON KEENE, US
[72] YANG, JING, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **ERROR DETECTION SYSTEM AND METHOD IN A VEHICLE LIGHTING SYSTEM**
[54] **SYSTEME ET PROCEDE DE DETECTION D`ERREURS DANS UN SYSTEME D`ECLAIRAGE DE VEHICULE**
[72] PAMPATTIWAR, SANKALP, US
[72] KUBAL, YOGESH, US
[72] PEREZ-BOLIVAR, CESAR, US
[71] GROTE INDUSTRIES, LLC, US
[22] 2020-06-15
[41] 2020-12-21
[30] US (62/864692) 2019-06-21

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[54] **SYSTEM AND METHOD FOR GEOMAGNETIC DISTURBANCE DETERMINATION FOR POWER SYSTEMS**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE PERTURBATION GEOMAGNETIQUE POUR DES SYSTEMES D`ALIMENTATION**
[72] REZAEI ZARE, AFSHIN, CA
[71] REZAEI ZARE, AFSHIN, CA
[22] 2020-06-19
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[25] EN
[54] **A VEHICLE CONTROL SYSTEM FOR AUTONOMOUS, REMOTELY-CONTROLLED, OR MANUAL OPERATION OF A VEHICLE**
[54] **SYSTEME DE COMMANDE DE VEHICULE POUR LE FONCTIONNEMENT AUTONOME, COMMANDE A DISTANCE OU MANUEL D`UN VEHICULE**
[72] GROHMANN, BORIS, DE
[72] ROHR, THOMAS, DE
[72] AVRIL, NICOLAS, FR
[72] GUSE, AXEL, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[71] AIRBUS HELICOPTERS, FR
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[25] EN
[54] **MOUNTING BRACKET FOR WINDOW AIR CONDITIONER AND WINDOW AIR CONDITIONER ASSEMBLY**
[54] **SUPPORT D'INSTALLATION D'UN CLIMATISEUR DE FENETRE ET ASSEMBLAGE DE CLIMATISEUR DE FENETRE**
[72] ZHAO, ALI, CN
[72] XING, ZHIGANG, CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2019-09-30
[86] 2019-07-24 (PCT/CN2019/097481)
[87] (3057125)
[30] CN (201920979828.4) 2019-06-26

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[25] EN
[54] **ESKETAMINE FOR THE TREATMENT OF DEPRESSION**
[54] **ESKETAMINE POUR LE TRAITEMENT DE LA DEPRESSION**
[72] CANUSO, CARLA, US
[72] DALY, ELLA, US
[72] DREVETS, WAYNE, US
[72] LI, HONGLAN, US
[72] HOUGH, DAVID WOOD, US
[72] JANIK, ADAM, US
[72] OCHS-ROSS, RACHEL, US
[72] SINGH, JASKARAN, US
[72] WAJS, EWA, BE
[72] ZANNIKOS, PETER, US
[71] JANSSEN PHARMACEUTICALS, INC., US
[85] 2020-06-19
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[25] EN
[54] **BIDIRECTIONAL DAMPER AND SHOWER DOOR ASSEMBLY**
[54] **ENSEMBLE PORTE DE DOUCHE ET AMORTISSEUR BIDIRECTIONNEL**
[72] WEI, WUXIANG, CN
[71] FOSHAN IDEAL CO., LTD, CN
[85] 2020-08-13
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[25] EN
[54] **SAFETY MONITORING AND EARLY-WARNING METHOD FOR MAN-MACHINE INTERACTION BEHAVIOR OF UNDERGROUND CONVEYOR BELT OPERATOR**
[54] **PROCEDE D'AVERTISSEMENT PRECOCE ET DE SURVEILLANCE DE SECURITE POUR LE COMPORTEMENT D'INTERACTION HOMME-MACHINE D'UN OPERATEUR DE BANDE TRANSPORTEUSE SOUTERRAINE**
[72] SUN, YANJING, CN
[72] DONG, KAIWEN, CN
[72] CHENG, XIAOZHOU, CN
[72] YUN, XIAO, CN
[72] HOU, XIAOFENG, CN
[72] WANG, BOWEN, CN
[72] WANG, BIN, CN
[72] XU, HONGLI, CN
[72] CHEN, XIAOJING, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2020-09-24
[86] 2020-03-30 (PCT/CN2020/082006)
[87] (3094424)
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[25] EN
[54] **MANAGEMENT OF MOVING OUTDOOR ADVERTISING**
[54] **GESTION DE PUBLICITE EXTERIEURE MOBILE**
[72] BINKLEY, CASEY MANSEL, CA
[72] LEVY, ZACHARY AARON, CA
[71] HAULERADS INC., CA
[85] 2020-10-16
[86] 2020-06-26 (PCT/CA2020/050895)
[87] (3096492)
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[54] **DISINFECTION OF BACTERIOPHAGES PRODUCTS USING SUPERCRITICAL CARBON DIOXIDE**
[54] **DESINFECTION DE PRODUITS BACTERIOPHAGES A L'AIDE DE DIOXYDE DE CARBONE SUPERCRITIQUE**
[72] TAWIL, NANCY, CA
[71] PHAGELUX CANADA INC., CA
[85] 2020-11-18
[86] 2020-06-18 (PCT/IB2020/055749)
[87] (3096783)
[30] US (62/864,204) 2019-06-20

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[51] **Int.Cl. C03C 15/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD OF PRODUCTION OF MATT EFFECT OR MATT GLASS**
[54] **SYSTEME ET PROCEDE DE PRODUCTION D`UN EFFET NATTE OU D`UN VERRE MAT**
[72] YORGANCILAR, HAKAN, TR
[71] YORGLASS CAM SANAYI VE TICARET ANONIM SIRKETI, TR
[85] 2020-11-04
[86] 2019-06-25 (PCT/TR2019/050501)
[87] (3098082)

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[51] **Int.Cl. E21B 43/11 (2006.01) E21B 7/14 (2006.01) E21B 7/15 (2006.01)**
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[54] **LASER TOOL**
[54] **OUTIL LASER**
[72] BATARSEH, SAMEEH ISSA, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-11-12
[86] 2018-09-28 (PCT/IB2018/057582)
[87] (WO2019/220198)
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[51] **Int.Cl. C12N 15/62 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 15/11 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **TUMOR-SPECIFIC NEOANTIGENS AND METHODS OF USING THE SAME**
[54] **NEO-ANTIGENES SPECIFIQUES D'UNE TUMEUR ET LEURS METHODES D'UTILISATION**
[72] DUPERRET, ELIZABETH KENNEDY, US
[72] PUCHALT, ALFREDO PERALES, US
[72] WEINER, DAVID, US
[72] SARDESAI, NIRANJAN Y., US
[71] THE WISTAR INSTITUTE, US
[71] INOVIO PHARMACEUTICALS, INC, US
[71] GENEOS THERAPEUTICS, INC., US
[85] 2020-11-19
[86] 2019-05-28 (PCT/US2019/034229)
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[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/303 (2006.01)**
[25] EN
[54] **CORDLESS OPERATING SAFETY BLIND**
[54] **STORE DE SECURITE FONCTIONNANT SANS CORDON**
[72] KWAK, JAE-SUK, KR
[72] KWAK, WOO-JIN, KR
[71] KWAK, JAE-SUK, KR
[85] 2020-11-23
[86] 2019-05-17 (PCT/KR2019/005900)
[87] (WO2019/221538)

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[13] A1
[25] EN
[54] **SIGNALING PARAMETER VALUE INFORMATION IN A PARAMETER SET TO REDUCE THE AMOUNT OF DATA CONTAINED IN AN ENCODED VIDEO BITSTREAM**
[54] **INFORMATIONS DE VALEUR DE PARAMETRE DE SIGNALISATION DANS UN JEU DE PARAMETRES POUR REDUIRE LA QUANTITE DE DONNEES CONTENUES DANS UN TRAIN BINAIRE VIDEO CODE**
[72] SJOBERG, RICKARD, SE
[72] DAMGHANIAN, MITRA, SE
[72] WENNERSTEN, PER, SE
[72] PETTERSSON, MARTIN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[86] 2020-06-12 (PCT/SE2020/050611)
[87] (3101453)
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[54] **SECOND READER SUGGESTION**
[54] **SUGGESTION DE SECOND LECTEUR**
[72] KECSKEMETHY, PETER, GB
[72] RIJKEN, TOBIAS, GB
[72] KARPATI, EDITH, HU
[72] O'NEILL, MICHAEL, GB
[72] HEINDL, ANDREAS, GB
[72] YEARSLEY, JOSEPH ELLIOT, GB
[72] KORKINOF, DIMITRIOS, GB
[72] KHARA, GALVIN, GB
[71] KHEIRON MEDICAL TECHNOLOGIES LTD, GB
[85] 2020-11-30
[86] 2019-06-14 (PCT/GB2019/051668)
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[30] GB (1809796.4) 2018-06-14
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[54] **ACCELERATION SECTION FOR A WATER SLIDE**
[54] **SECTION D'ACCELERATION POUR AQUA-TOBOGGAN**
[72] HEIMES, FRANK, DE
[71] WIEGAND.WATERRIDES GMBH, DE
[85] 2020-12-01
[86] 2018-11-12 (PCT/EP2018/080955)
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[51] **Int.Cl. G01N 27/72 (2006.01) C21D 1/00 (2006.01)**
[25] EN
[54] **DEVICE FOR THE IN-LINE MEASUREMENT OF THE PERCENTAGE OF AUSTENITE IN STEELS**
[54] **INSTRUMENT DE MESURE EN LIGNE DU POURCENTAGE D'AUSTENITE DANS DES ACIERS**
[72] MONFORT, GUY, BE
[72] MOREAS, GENEVIEVE, BE
[72] HERBIET, OLIVIER, BE
[71] CENTRE DE RECHERCHES METALLURGIQUES ASBL - CENTRUM VOOR RESEARCH IN DE METALLURGIE VZW, BE
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[25] EN
[54] **COMBINATION THERAPY FOR TREATING HEPATITIS B VIRUS INFECTION**
[54] **TRAITEMENT D'ASSOCIATION POUR TRAITER UNE INFECTION AU VIRUS DE L'HEPATITE B**
[72] ALAM, ANTOINE, FR
[72] BONNIN, ODILE, FR
[72] CARTER, KARA, US
[72] MONTEGUT, JULIE, FR
[72] LEMOINE, CENDRINE, FR
[72] MARNIQUET, XAVIER, FR
[71] SANOFI, FR
[71] EVOTEC INTERNATIONAL GMBH, DE
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[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING A SUITABILITY OF LIGHTING CONDITIONS FOR DETECTING AN ANALYTE IN A SAMPLE USING A CAMERA OF A MOBILE DEVICE**
[54] **PROCEDE D'EVALUATION DE L'ADEQUATION DE CONDITIONS D'ECLAIRAGE A UNE DETECTION D'ANALYTE DANS UN ECHANTILLON A L'AIDE D'UNE CAMERA D'UN DISPOSITIF MOBILE**
[72] BERG, MAX, DE
[72] HAILER, FREDRIK, DE
[72] KLEIN, TIMO, DE
[72] LIMBURG, BERND, DE
[72] TUERCK, VOLKER, DE
[72] MELCHINGER, CHRISTIAN, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **PESTICIDALLY ACTIVE HETEROCYCLIC DERIVATIVES WITH SULFOXIMINE CONTAINING SUBSTITUENTS**
[54] **DERIVES HETEROCYCLIQUES A ACTION PESTICIDE COMPORTANT DES SUBSTITUANTS CONTENANT DE LA SULFOXIMINE**
[72] EDMUNDS, ANDREW, CH
[72] MUEHLEBACH, MICHEL, CH
[72] RENDLER, SEBASTIAN, CH
[72] BUCHHOLZ, ANKE, CH
[72] EMERY, DANIEL, CH
[72] SIKERVAR, VIKAS, IN
[72] RAWAL, GIRISH, IN
[72] SEN, INDIRA, IN
[71] SYNGENTA CROP PROTECTION AG, CH
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[13] A1
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[25] EN
[54] **REGISTRATION OF AN ANATOMICAL BODY PART BY DETECTING A FINGER POSE**
[54] **ENREGISTREMENT D'UNE PARTIE ANATOMIQUE DU CORPS PAR DETECTION DE LA POSE D'UN DOIGT**
[72] FLEIG, OLIVER, DE
[71] BRAINLAB AG, DE
[85] 2020-12-01
[86] 2019-06-13 (PCT/EP2019/065553)
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[13] A1
[51] **Int.Cl. C07D 473/32 (2006.01) A61K 31/522 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PURINONE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE PURINONE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] GOLDBERG, FREDERICK WOOLF, GB
[72] HOWARD, MARTIN RICHARD, GB
[72] TING, ATTILLA KUAN TSUEI, GB
[71] ASTRAZENECA AB, SE
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2020-12-01
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[30] US (62/685,325) 2018-06-15

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[51] **Int.Cl. G01N 21/49 (2006.01) G01N 21/53 (2006.01)**
[25] EN
[54] **DETECTING AN ANALYTE IN A MEDIUM**
[54] **DETECTION D'UN ANALYTE DANS UN MILIEU**
[72] FALZARANO, LORENZO, US
[72] SMITH-MORITZ, ANDREIA MICHELLE, US
[71] ORB XYZ, INC., US
[85] 2020-12-01
[86] 2019-05-31 (PCT/US2019/035014)
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[30] US (62/679,609) 2018-06-01

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[13] A1
[51] **Int.Cl. H01L 33/62 (2010.01) H01L 23/498 (2006.01)**
[25] FR
[54] **PHOTONIC CHIP WITH BURIED LASER SOURCE**
[54] **PUCE PHOTONIQUE COMPORTANT UNE SOURCE LASER ENTERREE**
[72] MENEZO, SYLVIE, FR
[72] CHERAMY, SEVERINE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[25] FR
[54] **SYSTEM COMPRISING A TETHERED SAIL AND A FIXED STATION HAVING MEANS FOR FOLDING THE SAIL AT THE FIXED STATION**
[54] **SYSTEME COMPRENANT UNE VOILE CAPTIVE ET UN POSTE FIXE AVEC DES MOYENS DE PLIAGE DE LA VOILE AU POSTE FIXE**
[72] ARROUY, PASCAL, FR
[72] BRAINES, JEREMY, FR
[72] CORTET, EMMANUEL, FR
[72] GAGNAIRE, BENOIT, FR
[72] ORTEGA, JEAN-MARC, FR
[72] RIGAUD, JEROME, FR
[72] HIVER, VIANNEY, FR
[71] AIRSEAS, FR
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[30] FR (1855078) 2018-06-11

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[25] FR
[54] **TRACTION SYSTEM COMPRISING AT LEAST TWO CAPTIVE SAILS WITH A MAST PROVIDED WITH DISTINCT MOORING MEANS EACH DEDICATED TO ONE SAIL**
[54] **SYSTEME DE TRACTION COMPRENANT AU MOINS DEUX VOILES CAPTIVES AVEC UN MAT POURVU DE MOYENS D'ACCOSTAGE DISTINCTS DEDIES CHACUN A UNE VOILE**
[72] ARROUY, PASCAL, FR
[72] BRAINES, JEREMY, FR
[72] CORTET, EMMANUEL, FR
[72] GAGNAIRE, BENOIT, FR
[72] ORTEGA, JEAN-MARC, FR
[72] RIGAUD, JEROME, FR
[72] HIVER, VIANNEY, FR
[71] AIRSEAS, FR
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[54] **LIPID EMULSION FOR PARENTERAL ADMINISTRATION**
[54] **EMULSION LIPIDIQUE DESTINEE A UNE ADMINISTRATION PARENTERALE**
[72] DENKINGER, MELANIE, DE
[72] SCHLOTZER, EWALD, DE
[72] BRITO DE LA FUENTE, EDMUNDO, DE
[72] QUINCHIA-BUSTAMANTE, LIDA A., DE
[72] GALLEGOS-MONTES, CRISPULO, DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2020-12-02
[86] 2019-07-01 (PCT/EP2019/067511)
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[25] EN
[54] **SUBSTITUTED QUINAZOLINONE DERIVATIVES AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS OF MGLUR4**
[54] **DERIVES DE QUINAZOLINONE SUBSTITUES ET LEUR UTILISATION EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS DE MGLUR4**
[72] AMALRIC, CAMILLE, FR
[72] BARRE, ANAIS, FR
[72] SCHANN, STEPHAN, FR
[72] MAYER, STANISLAS, FR
[72] DORANGE, ISMET, SE
[72] MANTEAU, BAPTISTE, BE
[72] BLAYO, ANNE-LAURE, FR
[71] DOMAIN THERAPEUTICS, FR
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[25] EN
[54] **PEPTIDIC PROTEIN KINASE C INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS PEPTIDIQUES DE LA PROTEINE KINASE C ET LEURS UTILISATIONS**
[72] RAGUPATHY, SAKTHIKUMAR, CH
[72] BORCHARD, GERRIT, CH
[71] UNIVERSITE DE GENEVE, CH
[85] 2020-12-02
[86] 2019-06-12 (PCT/EP2019/065316)
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[51] **Int.Cl. E04B 2/86 (2006.01) E04B 1/16 (2006.01) E04C 2/04 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO BUILDING STRUCTURES**
[54] **AMELIORATIONS DANS OU RELATIVES A DES STRUCTURES DE CONSTRUCTION**
[72] BERLANI, LUCIANO, CH
[72] PEHIVAN, GURCAN, TR
[71] PBP FAST-TRACK BUILDING TECHNOLOGIES SARL, CH
[85] 2020-12-02
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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **CARRIER PATH PREDICTION BASED ON DYNAMIC INPUT DATA**
[54] **PREDICTION DE TRAJET DE TRANSPORTEUR SUR LA BASE DE DONNEES D'ENTREE DYNAMIQUES**
[72] MARTINOS, IOANNIS, GR
[72] TASOULIS, DIMITRIOS, GR
[72] EPITROPAKIS, MICHAIL, GR
[72] PASCHOPOULOS, ROUSSOS, GR
[72] FRAZZOLI, EMILIO, US
[71] SIGNAL OCEAN LTD, GB
[85] 2020-12-02
[86] 2019-06-04 (PCT/GB2019/051548)
[87] (WO2019/234415)
[30] EP (18176140.4) 2018-06-05
[30] US (16/000,641) 2018-06-05

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPIES COMPRISING C/EBP ALPHA SARNA**
[54] **POLYTHERAPIES COMPRENANT UN ARNCA ALPHA C/EBP**
[72] LIGHTFOOT, HELEN L., GB
[72] REEBYE, VIKASH, GB
[72] SATROM, PAL, NO
[72] BLAKEY, DAVID, GB
[72] TAN, CHOON PING, GB
[71] MINA THERAPEUTICS LIMITED, GB
[85] 2020-12-02
[86] 2019-06-14 (PCT/GB2019/051654)
[87] (WO2019/239144)
[30] US (62/685,627) 2018-06-15
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[13] A1
[51] **Int.Cl. B60H 3/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING CABIN DUST**
[54] **SYSTEME DE LIMITATION DE LA POUSSIERE DANS UNE CABINE**
[72] JOHNSTONE, NICHOLAS, AU
[71] TRACS QLD PTY LTD T/A BREATHESAFE, AU
[71] JOHNSTONE, NICHOLAS, AU
[85] 2020-12-02
[86] 2019-06-18 (PCT/IB2019/000647)
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[51] **Int.Cl. G01C 21/34 (2006.01) G05B 19/00 (2006.01) G08B 21/22 (2006.01) G08G 1/127 (2006.01)**
[25] EN
[54] **SECURE TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI SECURISE**
[72] NGUYEN, HIEN, US
[72] CORBALLY, JASON, US
[71] EDUCATION LOGISTICS, INC., US
[71] NGUYEN, HIEN, US
[71] CORBALLY, JASON, US
[85] 2020-12-02
[86] 2019-06-04 (PCT/US2019/035430)
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[30] US (62/680,489) 2018-06-04

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[51] **Int.Cl. B32B 1/02 (2006.01) B32B 7/023 (2019.01) B32B 3/26 (2006.01) B32B 27/08 (2006.01) B32B 27/18 (2006.01) B29B 11/08 (2006.01) B29C 45/16 (2006.01) B29C 49/06 (2006.01) B29C 49/22 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **BLOW MOLDED ARTICLE WITH VISUAL EFFECTS**
[54] **ARTICLE MOULE PAR SOUFFLAGE AVEC EFFETS VISUELS**
[72] AGERTON, MARK LEWIS, US
[72] MAMAK, MARC ANDREW, US
[72] NEUFARTH, BRADLEY SCOTT, US
[72] HORTON, ANDREW JOSEPH, US
[72] CONSTANTINIDES, IOANNIS CONSTANTINE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-12-02
[86] 2019-07-02 (PCT/US2019/040221)
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[30] US (62/699,493) 2018-07-17
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[25] EN
[54] **METHOD AND SYSTEM FOR UPGRADING BIOGAS**
[54] **PROCEDE ET SYSTEME DE VALORISATION DE BIOGAZ**
[72] FOODY, PATRICK J., CA
[72] DECHMAN, JOHN, CA
[71] IOGEN CORPORATION, CA
[85] 2020-12-03
[86] 2019-07-09 (PCT/CA2019/000104)
[87] (WO2020/010431)
[30] US (62/696,006) 2018-07-10

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[51] **Int.Cl. A61M 11/06 (2006.01) A61M 15/00 (2006.01) A61M 16/12 (2006.01)**
[25] EN
[54] **BREATH-ENHANCED NEBULIZER FOR DELIVERY OF AEROSOLIZED DRUGS TO VENTILATED PATIENTS**
[54] **NEBULISEUR AMELIORE PAR LA RESPIRATION POUR L'ADMINISTRATION DE MEDICAMENTS EN AEROSOL A DES PATIENTS VENTILES**
[72] SMALDONE, GERALD, US
[72] TODDYWALA, ROHINTON, US
[72] HANDE, AKANKSHA, US
[72] SHUKLA, VIJAY, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[71] INSPIRX, INC., US
[85] 2020-12-02
[86] 2019-06-06 (PCT/US2019/035856)
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[30] US (62/681,654) 2018-06-06

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[51] **Int.Cl. B23B 51/04 (2006.01)**
[25] EN
[54] **DEEP HOLE DRILL AND DRILLING TOOL HAVING ONE OR MORE DEPRESSIONS IN THE RAKE FACE**
[54] **FORET LONG ET OUTIL DE FOND COMPORTANT UNE OU PLUSIEURS CAVITES DANS LA FACE DE COUPE**
[72] SCHUR, GOTTHOLD, DE
[71] BOTEK PRAZISIONSBOHRTECHNIK GMBH, DE
[85] 2020-12-03
[86] 2019-03-21 (PCT/EP2019/057070)
[87] (WO2019/238287)
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[51] **Int.Cl. B23B 51/04 (2006.01)**
[25] EN
[54] **DEEP-HOLE DRILL HAVING A PLURALITY OF CHIP-FORMING DEVICES AND DEPRESSION IN THE RAKE FACE**
[54] **FORET LONG COMPORTANT PLUSIEURS ELEMENTS DE FORMATION DE COPEAUX ET DES CAVITES DANS LA FACE DE COUPE**
[72] SCHUR, GOTTHOLD, DE
[72] DEEG, JUERGEN, DE
[71] BOTEK PRAZISIONSBOHRTECHNIK GMBH, DE
[85] 2020-12-03
[86] 2019-03-21 (PCT/EP2019/057071)
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[30] DE (10 2018 114 138.6) 2018-06-13

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[51] **Int.Cl. B01F 13/10 (2006.01) B01F 13/04 (2006.01) B01F 11/00 (2006.01) B01F 15/06 (2006.01)**
[25] EN
[54] **DISPENSING MACHINE AND RELATED METHOD FOR PREPARING A USER-DEFINED FORMULATION BY DISPENSING FLUID PRODUCTS**
[54] **MACHINE DE DISTRIBUTION ET PROCEDE ASSOCIE POUR PREPARER UNE FORMULATION DEFINIE PAR L'UTILISATEUR PAR DISTRIBUTION DE PRODUITS FLUIDES**
[72] BERGAMINI, ANDREA, IT
[72] CASALINI, GIUSEPPE, IT
[72] THOMPSON, JOANNE SARAH, GB
[72] D'EPENOUX, ALBAN R, CH
[71] COROB S.P.A., IT
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2020-12-03
[86] 2019-06-10 (PCT/EP2019/065084)
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[30] IT (102018000006154) 2018-06-08

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[54] **AN ANNULAR BARRIER**
[54] **BARRIERE ANNULAIRE**
[72] VASQUES, RICARDO REVES, CH
[71] WELLTEC OILFIELD SOLUTIONS AG, CH
[85] 2020-12-03
[86] 2019-06-18 (PCT/EP2019/065976)
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[30] EP (18178589.0) 2018-06-19

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[51] **Int.Cl. A61M 5/162 (2006.01) A61J 1/14 (2006.01) A61J 1/20 (2006.01) A61M 5/178 (2006.01) A61M 5/19 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 39/00 (2006.01)**
[25] EN
[54] **DEVICE FOR FORMING A MEDICAL PASTE**
[54] **DISPOSITIF POUR FORMER UNE PATE A USAGE MEDICAL**
[72] LARSEN, KRISTIAN, DK
[72] HAMMERSHOJ, PETER LUND, DK
[71] FERROSAN MEDICAL DEVICES A/S, DK
[85] 2020-12-03
[86] 2019-06-26 (PCT/EP2019/067018)
[87] (WO2020/002438)
[30] EP (18180033.5) 2018-06-27

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[51] **Int.Cl. G01S 13/72 (2006.01) G06T 7/292 (2017.01) A63B 24/00 (2006.01) G01S 17/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATING PHYSICAL, MOVING TARGETS INTO A GAME, SPORT OR OTHER ACTIVITY**
[54] **SYSTEME ET PROCEDE D'INTEGRATION DE CIBLES PHYSIQUES MOBILES DANS UN JEU, UN SPORT OU UNE AUTRE ACTIVITE**
[72] VOLLBRECHT, JAMES, US
[72] CARVER, JEREMY MATHEW, US
[72] VOLLBRECHT, JOHN, US
[71] FLYINGTEE TECH, LLC, US
[85] 2020-12-03
[86] 2019-04-01 (PCT/US2019/025215)
[87] (WO2019/191771)
[30] US (62/650,742) 2018-03-30

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[51] **Int.Cl. A63B 69/36 (2006.01) A63B 24/00 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **IMMERSIVE AND REACTIVE GAME PLAY RANGE, SYSTEM AND PROCESS**
[54] **PROCESSUS, SYSTEME ET PLAGE DE PARTIE DE JEU IMMERSIFS ET REACTIFS**
[72] VOLLBRECHT, JAMES, US
[72] CARVER, JEREMY MATHEW, US
[72] VOLLBRECHT, JOHN, US
[71] FLYINGTEE TECH, LLC, US
[85] 2020-12-03
[86] 2019-04-01 (PCT/US2019/025248)
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[30] US (62/650,773) 2018-03-30

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[51] **Int.Cl. C10M 105/38 (2006.01) C07C 67/26 (2006.01) C07C 69/30 (2006.01) C07C 69/33 (2006.01) C10M 107/34 (2006.01)**
[25] EN
[54] **LUBRICATING BASE OILS FROM ESTERIFIED ALKOXYLATED POLYOLS USING SATURATED LONG-CHAIN FATTY ACIDS**
[54] **HUILES DE BASE LUBRIFIANTES A PARTIR DE POLYOLS ALCOXYLES ESTERIFIES A L'AIDE D'ACIDES GRAS SATURES A LONGUE CHAINE**
[72] HUNT, ZACHARY, US
[72] GENNARO, PETER, US
[72] DIMAIO, JEFFREY R., US
[72] BERGMANN, BENJAMIN, US
[71] TETRAMER TECHNOLOGIES, LLC, US
[85] 2020-12-03
[86] 2019-06-03 (PCT/US2019/035128)
[87] (WO2019/236446)
[30] US (62/680,030) 2018-06-04
[30] US (16/429,184) 2019-06-03

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[51] **Int.Cl. H01B 3/44 (2006.01) C08L 23/06 (2006.01) H01B 7/18 (2006.01)**
[25] EN
[54] **POLYMERIC COMPOUNDS FOR CABLE COATINGS AND PROCESSES FOR PRODUCING SAME**
[54] **COMPOSES POLYMERES POUR REVETEMENTS DE CABLES ET LEURS PROCEDES DE PRODUCTION**
[72] ESSEGHIR, MOHAMED, US
[72] SINGH, ANURIMA, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2020-12-03
[86] 2019-05-20 (PCT/US2019/033054)
[87] (WO2019/240913)
[30] US (62/685,331) 2018-06-15

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[51] **Int.Cl. G10K 11/16 (2006.01) G10K 11/175 (2006.01) G10K 11/178 (2006.01)**
[25] EN
[54] **NOISE REDUCTION EARMUFFS SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE PROTEGE-OREILLES DE REDUCTION DE BRUIT**
[72] HALFAKER, ALVIN J., US
[71] HALFAKER, ALVIN J., US
[85] 2020-12-03
[86] 2019-03-11 (PCT/US2019/021697)
[87] (WO2019/236163)
[30] US (16/004,074) 2018-06-08
[30] US (16/186,734) 2018-11-12

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[51] **Int.Cl. H04L 12/725 (2013.01) H04L 12/715 (2013.01)**
[25] EN
[54] **SERVICE CHAINS FOR INTER-CLOUD TRAFFIC**
[54] **CHAINES DE SERVICES DESTINEES A UN TRAFIC ENTRE NUAGES**
[72] SUNDARARAJAN, BALAJI, US
[72] SHARMA, SAMAR, US
[71] CISCO TECHNOLOGY, INC., US
[85] 2020-12-03
[86] 2019-06-03 (PCT/US2019/035172)
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[30] US (16/001,039) 2018-06-06

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[51] **Int.Cl. A61K 31/5517 (2006.01) A61K 31/404 (2006.01) A61K 31/433 (2006.01) A61K 31/437 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING MALIGNANT LYMPHOPROLIFERATIVE DISORDERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES DU HYPERPROLIFERATIFS MALINS**
[72] GILES, FRANCIS, US
[72] MAZAR, ANDREW, US
[71] ACTUATE THERAPEUTICS INC., US
[85] 2020-12-03
[86] 2019-06-05 (PCT/US2019/035576)
[87] (WO2019/236703)
[30] US (62/680,739) 2018-06-05

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[51] **Int.Cl. C07C 9/18 (2006.01) B01D 3/00 (2006.01) B01D 19/00 (2006.01) C07C 7/00 (2006.01) C07C 9/14 (2006.01) C07C 11/04 (2006.01) C08F 6/00 (2006.01)**
[25] EN
[54] **SEPARATIONS SYSTEM FOR RECOVERING HYDROCARBONS FROM SYNTHESIS OF POLYETHYLENE POLYMERS**
[54] **SYSTEME DE SEPARATIONS POUR LA RECUPERATION D'HYDROCARBURES A PARTIR DE LA SYNTHESE DE POLYMERES DE POLYETHYLENE**
[72] BLOOD, MARK W., US
[72] SHERMAN, BRENT J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2020-12-03
[86] 2019-06-12 (PCT/US2019/036703)
[87] (WO2019/241341)
[30] US (62/685,403) 2018-06-15

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[13] A1
[51] **Int.Cl. A61M 5/28 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SAFETY SYRINGE**
[54] **SYSTEME ET PROCEDE POUR SERINGUE DE SECURITE**
[72] DIAZ, STEPHEN H., US
[72] TILLACK, JEFF, US
[72] SHLUZAS, ALAN E., US
[72] SHANLEY, JOHN F., US
[72] THAYER, DAN, US
[72] STEESE-BRADLEY, GARY, US
[72] MERHIGE, JOHN, US
[71] CREDENCE MEDSYSTEMS, INC., US
[85] 2020-12-03
[86] 2019-06-07 (PCT/US2019/036176)
[87] (WO2019/237080)
[30] US (62/682,381) 2018-06-08
[30] US (62/729,880) 2018-09-11

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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **MULTI-SPECIFIC BINDING PROTEINS AND METHODS OF USE THEREOF**
[54] **PROTEINES DE LIAISON MULTI-SPECIFIQUES ET PROCEDES D'UTILISATION ASSOCIES**
[72] BAEUERLE, PATRICK A., US
[72] MICHAELSON, JENNIFER, US
[72] LI, BOCHONG, US
[72] MEHTA, NAVEEN, US
[71] CULLINAN MANAGEMENT, INC., US
[85] 2020-12-03
[86] 2019-06-07 (PCT/US2019/036177)
[87] (WO2019/237081)
[30] US (62/681,784) 2018-06-07

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[51] **Int.Cl. C07C 5/48 (2006.01) C01B 32/50 (2017.01) C07C 11/04 (2006.01)**
[25] EN
[54] **MITIGATING OXYGEN, CARBON DIOXIDE AND/OR ACETYLENE OUTPUT FROM AN ODH PROCESS**
[54] **ATTENUATION DE L'OXYGENE, DU DIOXYDE DE CARBONE ET/OU DE L'ACETYLENE SORTANT D'UN PROCESSUS ODH**
[72] SIMANZHENKOV, VASILY, CA
[72] GOODARZNIA, SHAHIN, CA
[72] SERHAL, KAMAL ELIAS, CA
[72] GAO, XIAOLIANG, CA
[72] KIM, YOONHEE, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **MULTILAYER FILMS AND SEALED PACKAGES MADE FROM THESE FILMS**
[54] **FILMS MULTICOUCHES ET EMBALLAGES ETANCHES CONSTITUES DE CES FILMS**
[72] ROBERT, CLARE, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **CLEAVABLE CO-OPERATIVE PRIMERS AND METHOD OF AMPLIFYING NUCLEIC ACID SEQUENCES USING SAME**
[54] **AMORCES CONJUGUEES POUVANT ETRE COUPEES ET PROCEDE D'AMPLIFICATION DE SEQUENCES D'ACIDES NUCLEIQUES UTILISANT CELLES-CI**
[72] MAHONY, JAMES BENSON, CA
[72] BULIR, DAVID CHARLES, CA
[72] CHONG, SYLVIA, CA
[71] ADVANCED THERANOSTICS INC., CA
[85] 2020-12-04
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[54] **CORE SEALING ASSEMBLIES, CORE-COIL ASSEMBLIES, AND SEALING METHODS**
[54] **ENSEMBLES ETANCHES DE NOYAU, ENSEMBLES NOYAU-BOBINES, ET PROCEDES D'ETANCHEIFICATION**
[72] LIANG, HAONING, CN
[72] NAVARRO, MARTIN ALSINA, BR
[72] MORENO, ANDRE LUIZ, BR
[72] WANG, RONGWANG, CN
[72] LI, XIONG, CN
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[71] HAINAN JINPAN SMART TECHNOLOGY CO. LTD., CN
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[54] **SHIELDED COIL ASSEMBLIES AND METHODS FOR DRY-TYPE TRANSFORMERS**
[54] **ENSEMBLES BOBINE BLINDES ET PROCEDES POUR TRANSFORMATEURS DE TYPE SEC**
[72] LIANG, HAONING, CN
[72] NAVARRO, MARTIN ALSINA, BR
[72] MORENO, ANDRE LUIZ, BR
[72] ZHANG, MING, CN
[72] GUO, YONG, CN
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[54] **COMPOUNDS AS NUCLEAR TRANSPORT MODULATORS AND USES THEREOF**
[54] **COMPOSES EN TANT QUE MODULATEURS DE TRANSPORT NUCLEAIRE ET LEURS UTILISATIONS**
[72] XIANG, JIA-NING, CN
[72] QI, ZUDE, CN
[72] LIU, XIANBO, CN
[72] NING, DEZHENG, CN
[71] XW LABORATORIES INC., KY
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[54] **AGRICULTURAL DEVICE**
[54] **APPAREIL AGRICOLE**
[72] PAULESSEN, GEORG, DE
[72] KOCH, FLORIAN, DE
[72] JANSSEN, MICHAEL, DE
[72] NEPICKS, JOHANNES, DE
[71] LEMKEN GMBH & CO KG, DE
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[54] **DE NOVO DESIGN OF POTENT AND SELECTIVE INTERLEUKIN MIMETICS**
[54] **CONCEPTION DE NOVO DE MIMETIQUES D'INTERLEUKINE PUISSANTS ET SELECTIFS**
[72] YU, SHAWN, US
[72] ULGE, UMUT, US
[72] BAKER, DAVID, US
[72] GARCIA, KENAN CHRISTOPHER, US
[72] SPANGLER, JAMIE, US
[72] WALKEY, CARL, US
[72] QUIJANO RUBIO, ALFREDO, US
[72] JUDE, KEVIN, US
[72] WEITZNER, BRIAN, US
[72] SILVA MANZANO, DANIEL ADRIANO, US
[72] CASTELLANOS, JAVIER, US
[72] MARCOS, ENRIQUE, US
[71] UNIVERSITY OF WASHINGTON, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNOR UNIVERSITY, US
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[54] **PORTABLE HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE PORTATIF**
[72] BANG, MADS, DK
[72] CHRISTENSEN, MORTEN OLESEN, DK
[72] KORSGAARD, ANDERS RISUM, DK
[71] ENTIFFIC APS, DK
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[54] **SELF-MOVING EDUCATIONAL TOY**
[54] **JOUET EDUCATIF AUTOMOTEUR**
[72] BULMAN, HAYRI C., CH
[71] QUBS AG, CH
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[54] **ENCAPSULATED COMPONENTS OF MEDICAL DEVICES, AND METHODS THEREFOR**
[54] **ELEMENTS ENCAPSULES DE DISPOSITIFS MEDICAUX, ET PROCEDES ASSOCIES**
[72] LAROUCHE, ADAM MICHAEL, US
[72] VIERING, KIRSTEN, US
[72] GOLDEN, JOHN B., US
[72] KIPPENBROCK, SCOTT, US
[72] DILLS, ADAM, US
[72] SCHNEIDER, SETH CHARLES, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **METHODS FOR ANALYZING DNA IN URINE**
[54] **PROCEDES D'ANALYSE DE L'ADN DANS L'URINE**
[72] LAUTENSCHLAEGER, TIM, US
[71] THE TRUSTEES OF INDIANA UNIVERSITY, US
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[54] **CORROSION PROTECTION AGENT FOR THE PRESERVATION OF CAVITIES AND THE USE THEREOF**
[54] **AGENT DE PROTECTION CONTRE LA CORROSION POUR LA PROTECTION DES ESPACES CREUX ET SON UTILISATION**
[72] LOSCH, ACHIM, DE
[71] FUCHS PETROLUB SE, DE
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[54] **DRIVE DEVICE AND SPIN WINDOW HAVING SAID DRIVE DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT ET FENETRE DE ROTATION POURVUE DE CE DISPOSITIF D'ENTRAINEMENT**
[72] NAJORKA, LARS, DE
[71] HEMA MASCHINEN- UND APPARATESCHUTZ GMBH, DE
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[86] 2019-05-16 (PCT/EP2019/062712)
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[54] **ALKOXY-SUBSTITUTED PYRIDINYL DERIVATIVES AS LPA1 RECEPTOR ANTAGONISTS AND THEIR USE IN THE TREATMENT OF FIBROSIS**
[54] **DERIVES DE PYRIDINYLE A SUBSTITUTION ALCOXY UTILISES EN TANT QU'ANTAGONISTES DU RECEPTEUR DE LPA1 ET LEUR UTILISATION DANS LE TRAITEMENT DE LA FIBROSE**
[72] BOLLI, MARTIN, CH
[72] BROTSCHI, CHRISTINE, CH
[72] LESCOP, CYRILLE, CH
[72] WILLIAMS, JODI T., CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
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[25] EN
[54] **PLANT GROWTH REGULATOR SYSTEM**
[54] **SYSTEME DE REGULATION DE LA CROISSANCE DES PLANTES**
[72] WIKELEY, PHILIP SIMON, GB
[72] SCOTT, GRAHAM VAUGHAN, GB
[72] REIGNARD, JOELLE, FR
[71] FINE AGROCHEMICALS LIMITED, GB
[85] 2020-12-04
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[54] **VACCINATION AGAINST PORCINE CIRCOVIRUSES**
[54] **VACCINATION CONTRE DES CIRCOVIRUS PORCINS**
[72] KREJCI, ROMAN, FR
[71] CEVA SANTE ANIMALE, FR
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[54] **INDUCTION HEATING SYSTEM AND HEATER**
[54] **SYSTEME DE CHAUFFAGE PAR INDUCTION ET DISPOSITIF DE CHAUFFAGE**
[72] AOUN, WALID ABI, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-12-04
[86] 2019-06-11 (PCT/EP2019/065253)
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[54] **METHOD AND FORMULATION FOR IMPROVING ROFLUMILAST SKIN PENETRATION LAG TIME**
[54] **METHODE ET FORMULATION POUR AMELIORER LE TEMPS DE LATENCE DE PENETRATION DE LA PEAU DU ROFLUMILAST**
[72] OSBORNE, DAVID W., US
[71] ARCUTIS, INC., US
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[54] **COSMETIC PREPARATION AGAINST ACNE**
[54] **PREPARATION COSMETIQUE CONTRE L'ACNE**
[72] RICHTER, DANIEL, DE
[72] HUPEDEN, JENNIFER, DE
[72] REUTER, JORN HENDRIK, DE
[72] FOLSTER, HEIKE, DE
[72] FELTEN, BERNHARD, DE
[72] DJAMIL, JANE, DE
[71] BEIERSDORF AG, DE
[71] S-BIOMEDIC, BE
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[54] **HIP OR SHOULDER PROSTHESIS AND POSITIONING INSTRUMENT**
[54] **PROTHESE DE HANCHE OU D'EPAULE ET JEU D'INSTRUMENTS POUR LA MISE EN PLACE**
[72] CORTES CUBERO, JAVIER, ES
[72] ATIENZA VICENTE, CARLOS M., ES
[72] PENUELAS HERRAIZ, ANDRES, ES
[72] GARCIA TORRES, FERNANDO, ES
[71] DESARROLLOS BIOMECANICOS INNOVASAN S.L., ES
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[54] **ETIQUETTE LAVABLE**
[72] SAXBERG, TOM, FI
[71] UPM RAFLATAC OY, FI
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[25] EN
[54] **DOWNHOLE TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE FOND DE TROU**
[72] NESGAARD, CARSTEN, CH
[71] WELLTEC OILFIELD SOLUTIONS AG, CH
[85] 2020-12-04
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[54] **PESTICIDALLY ACTIVE AZOLE-AMIDE COMPOUNDS**
[54] **COMPOSES AZOLE-AMIDE A ACTION PESTICIDE**
[72] GAGNEPAIN, JULIEN DANIEL HENRI, CH
[72] EDMUNDS, ANDREW, CH
[72] EMERY, DANIEL, CH
[72] HALL, ROGER GRAHAM, CH
[72] HUETER, OTTMAR FRANZ, CH
[72] KOLLETH KRIEGER, AMANDINE, CH
[72] RENDLER, SEBASTIAN, CH
[72] SCHAETZER, JURGEN HARRY, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
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[25] EN
[54] **METHOD FOR RATING A SCREW WHICH IS PURPORTEDLY EMBEDDED IN GROUT**
[54] **PROCEDE D'EVALUATION D'UNE VIS INCORPOREE DE MANIERE CIBLEE DANS UN COULIS**
[72] POL, FREDERIC, AT
[72] JIMENEZ, CRISTIAN, CH
[72] ZILTENER, MICHAEL, CH
[72] SCHNEIDER, ROLAND, AT
[72] CLAUS, ALEXANDER, AT
[71] HILTI AKTIENGESELLSCHAFT, LI
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[86] 2019-07-15 (PCT/EP2019/068959)
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[54] **SNOWSHOE SOLE**
[54] **SEMELLE DE RAQUETTE A NEIGE**
[72] VOGE, BOZENA, FR
[72] SOUYRI, PHILIPPE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[86] 2019-07-25 (PCT/EP2019/070106)
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[25] EN
[54] **WIND TURBINE AND METHOD FOR DETECTING LOW-FREQUENCY OSCILLATIONS IN AN ELECTRICAL SUPPLY GRID**
[54] **EOLIENNE ET PROCEDE POUR DETECTER DES OSCILLATIONS DE BASSE FREQUENCE DANS UN RESEAU D'ALIMENTATION ELECTRIQUE**
[72] BROMBACH, JOHANNES, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2020-12-04
[86] 2019-07-31 (PCT/EP2019/070611)
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING FEEDBACK COMMUNICATION TO A USER DURING AN ELECTRONIC INTERACTION**
[54] **PROCEDE ET SYSTEME DE COMMANDE DE COMMUNICATION DE RETROACTION A UN UTILISATEUR PENDANT UNE INTERACTION ELECTRONIQUE**
[72] GOWER, DAVID IAN, GB
[71] LOYALTY ANGELS LTD, GB
[85] 2020-12-04
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[87] (WO2019/234419)
[30] GB (1809223.9) 2018-06-05

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[54] **METHOD AND SYSTEM FOR CONTROLLING DISPLAY OF A REPRESENTATION OF A PHYSICAL USER TOKEN IN A DIGITAL WALLET**
[54] **PROCEDE ET SYSTEME DE COMMANDE D'AFFICHAGE D'UNE REPRESENTATION D'UN JETON D'UTILISATEUR PHYSIQUE DANS UN PORTEFEUILLE NUMERIQUE**
[72] GOWER, DAVID IAN, GB
[71] LOYALTY ANGELS LTD, GB
[85] 2020-12-04
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[54] **GREMLIN-1 ANTAGONIST FOR THE PREVENTION AND TREATMENT OF CANCER**
[54] **ANTAGONISTE DE GREMLIN-1 POUR LA PREVENTION ET LE TRAITEMENT DU CANCER**
[72] DAVIES, GARETH CHARLES GLYNDWR, GB
[72] LEEDHAM, SIMON, GB
[72] ZANNETTINO, ANDREW, AU
[72] CLARK, KIMBERLEY, AU
[72] HEWETT, DUNCAN, AU
[72] PANAGOPOULOS, VASILIOS, AU
[71] UCB BIOPHARMA SRL, BE
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[71] THE UNIVERSITY OF ADELAIDE, AU
[85] 2020-12-04
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[54] **ANTI-CD99 DIABODY OR IGG ANTIBODY AND USES THEREOF**
[54] **DIANTICORPS ANTI-CD99 OU ANTICORPS IGG ET UTILISATIONS CORRESPONDANTES**
[72] FIORI, VALENTINA, IT
[72] DOMINICI, SABRINA, IT
[72] MORICOLI, DIEGO, IT
[72] LAGUARDIA, MARIA ELENA, IT
[72] CARBONELLA, COSIMO DAMIANO, IT
[72] BALDUCCI, MARIA CRISTINA, IT
[71] DIATHEVA S.R.L., IT
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[54] **VERRE REVETU PRESENTANT DES PROPRIETES ANTIBUEE**
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[71] GUARDIAN GLASS, LLC, US
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[54] **PROCEDE DE TRANSFERT DE CHALEUR ET DISPOSITIF ASSOCIE**
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[72] BOISSIERE, BENJAMIN, FR
[72] GRIFFAY, GERARD, FR
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[54] **DISPOSITIF DE COMMANDE D'AFFICHAGE, PROCEDE DE COMMANDE D'AFFICHAGE ET PROGRAMME DE COMMANDE D'AFFICHAGE**
[72] GODA, KEISUKE, JP
[72] NITTA, NAO, JP
[72] SUGIMURA, TAKEAKI, JP
[71] K.K. CYBO, JP
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[71] FLETCHER BUILDING HOLDINGS LIMITED, NZ
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[54] **CENTRALE ELECTRIQUE UTILISANT UN CORPS FLOTTANT ET PROCEDE DE GENERATIOND'ENERGIE PAR UNE CENTRALE ELECTRIQUE UTILISANT UN CORPS FLOTTANT**
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[54] **DISPOSITIF CATHODIQUE POUR ELECTROLYSEUR D'ALIUMINIUM**
[72] PROSHKIN, ALEKSANDR VLADIMIROVICH, RU
[72] POGODAEV, ALEKSANDR MIKHAJLOVICH, RU
[72] NAGIBIN, GENNADIJ EFIMOVICH, RU
[72] ZHERDEV, ALEKSEJ SERGEEVICH, RU
[72] PINGIN, VITALIJ VALER'EVICH, RU
[72] SBITNEV, ANDREJ GENNAD'EVICH, RU
[72] ORLOV, ANTON SERGEEVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
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[72] MIKAN, JAROSLAV, CZ
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'OSTEOGENESE PAR DISTRACTION**
[72] LAZAROVICI, TOWY, IL
[71] OSTEOPHILE LTD., IL
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[54] **FORMULATION CONTAINING EMRICASAN**
[54] **FORMULATION CONTENANT DE L'EMRICASAN**
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[72] OKUMURA, NAOKI, JP
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[54] **APPAREIL D'INDICATION POUR INDIQUER LE NIVEAU DE SORTIE D'UNE FLAMME PILOTE, ET PROCEDE ASSOCIE**
[72] LOVISON, NICOLA, IT
[72] RATTIN, FEDERICO, IT
[72] BENVENUTO, MICHELE, IT
[72] GIACOMELLI, MASSIMO, IT
[71] SIT S.P.A., IT
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[54] **INTERFACE PERMETTANT DE TRANSPORTER DES IONS D'UN ENVIRONNEMENT A PRESSION ATMOSPHERIQUE A UN ENVIRONNEMENT A BASSE PRESSION**
[72] JARROLD, MARTIN F., US
[72] ANTHONY, STACI N., US
[72] DRAPER, BENJAMIN E., US
[71] THE TRUSTEES OF INDIANA UNIVERSITY, US
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[54] **ACTIVATEURS DE L'EAAT2 ET LEURS METHODES D'UTILISATION**
[72] HODGETTS, KEVIN, US
[72] LIN, CHIEN-LIANG GLENN, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[71] REMOY SEA GROUP AS, NO
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[54] **METHODE DE TRAITEMENT DE TROUBLES DE L'EQUILIBRE ACIDO-BASIQUE**
[72] KLAERNER, GERRIT, US
[72] OTTO, DAWN PARSELL, US
[72] STASIV, YURI, US
[72] MATHUR, VANDANA, US
[72] LOCKEY, CLAIRE, US
[71] TRICIDA, INC., US
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[54] **SYSTEMES HYDRAULIQUES ET APPAREIL DE TRAITEMENT DE FLUIDE**
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[72] BLUNDY, GEORGE, US
[71] K.J. MANUFACTURING CO., US
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[54] **ADDITION DANS LE MELANGE COMBUSTIBLE DE COMBUSTIBLE NUCLEAIRE POUR DES REACTEURS NUCLEAIRES**
[72] RAFAY, PETER, SK
[71] WEST REALITY, S.R.O., SK
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[54] **MODULES DE PROTECTION CONTRE LES SURTENSIONS, ET COMPOSANTS ET PROCEDES ASSOCIES**
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[72] LULA, JACK, CA
[72] ZAMORA, ROBERT, US
[72] MANGIARACINA, ANTHONY, US
[71] VIZA ELECTRONICS PTE. LTD., US
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[54] **HAYON A BRAS OSCILLANT**
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[72] ABLABUTYAN, KARAPET, US
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[71] MAXON INDUSTRIES, INC., US
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[54] **DISPOSITIFS, PROCEDES ET SYSTEMES DE RECIPIENT DE FLUIDE**
[72] KAMDAR, AKSHAY R., US
[72] HARTMANN, DANIEL M., US
[72] MCKEOWN, GAVIN M., US
[72] DAVIES, JAMES A., GB
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **DISTRIBUTION DE SIGNAL POUR UN SYSTEME INFORMATIQUE QUANTIQUE**
[72] JEFFREY, EVAN, US
[72] MUTUS, JOSHUA YOUSOUF, US
[71] GOOGLE LLC, US
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[54] **PLATEFORME DE MESURE DETERMINANT AUTOMATIQUEMENT L'USURE DE COMPOSANTS DE MACHINE SUR LA BASE D'IMAGES**
[72] FINCH, NOLAN, US
[72] MA, LINGYU, US
[71] CATERPILLAR INC., US
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[54] **STRUCTURE DE SUPPORT DE RESSORT INDEPENDANTE**
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[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT INTEGRE DANS LE TISSU**
[72] THORSON, TODD J., US
[72] GROISMAN, LUCIANO, US
[72] MOHRAZ, ALI, US
[72] BOTVINICK, ELLIOT L., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PRC1 INHIBITORS AND METHODS OF TREATMENT THEREWITH**
[54] **INHIBITEURS DE PRC1 ET METHODES DE TRAITEMENT COMPRENANT CES DERNIERS**
[72] CIERPICKI, TOMASZ, US
[72] GREMBECKA, JOLANTA, US
[72] YING, WEIJIANG, US
[72] YAO, YIWU, US
[72] GRAY, FELICIA, US
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[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **CAPTEURS DE TUYAU**
[72] KRYWYJ, DANIEL MILNE, US
[72] PRSHA, JEFFREY A., US
[71] ORBIS INTELLIGENT SYSTEMS, INC., US
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[54] **COMPOSITIONS DE PROTEINES DE FUSION CIBLANT L'ARN ET METHODES D'UTILISATION**
[72] NELLES, DAVID A., US
[72] BATRA, RANJAN, US
[72] YEO, EUGENE, US
[71] LOCANABIO, INC., US
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[54] **ATTENUATION DE FISSURES D'ECHAPPEMENT TURBINE PAR UTILISATION DE COLLIERS PARTIELS**
[72] MAURYA, SHASHIKANT, IN
[72] GIAIMO, JOHN, US
[72] WIEBE, RYAN DAVID, US
[72] NICKOLS, KEITH L., US
[72] CORREA, ANDRE, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **FOAMABLE POLYOLEFIN COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSITIONS DE POLYOLEFINE POUVANT MOUSSER ET PROCEDES ASSOCIES**
[72] GALIATSATOS, VASSILIOS, US
[72] CECCARANI, FABIO, US
[72] SHU, CHICHANG, US
[72] KRAMB, RYAN, US
[72] TRIASSI, IGNAZIO, US
[71] LYONDELLBASELL ADVANCED POLYMERS INC., US
[85] 2020-12-04
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[54] **COMPOSITIONS AND METHODS FOR THE MODULATION OF ADAPTIVE IMMUNITY**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE L'IMMUNITE ADAPTATIVE**
[72] NELLES, DAVID A., US
[72] BATRA, RANJAN, US
[72] YEO, EUGENE, US
[71] LOCANABIO, INC., US
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[54] **HYBRID POWER AND FIBER OPTIC DISTRIBUTION PANELS**
[54] **TABLEAUX HYBRIDES DE DISTRIBUTION DE PUISSANCE ET DE FIBRES OPTIQUES**
[72] BAILEY, MARK, US
[72] POPI, DORIAN, US
[72] GARTON, MARK, US
[72] LEBER, BILL, US
[71] APPLETON GRP LLC, US
[85] 2020-12-04
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[54] **USE OF (S)-3-AMINO-4-(DIFLUOROMETHYLENYL) CYCLOPENT-1-ENE-1-CARBOXYLIC ACID AND RELATED COMPOUNDS, (1S,3S)-3-AMINO-4-(DIFLUOROMETHYLIDENE) CYCLOPENTANE-1-CARBOXYLIC ACID AND VIGABATRIN IN THE TREATMENT OF DEVELOPMENTAL DISORDERS**
[54] **UTILISATION DE L'ACIDE (S)-3-AMINO-4-(DIFLUOROMETHYLENYL)CYCLOPENT-1-ENE-1-CARBOXYLIQUE ET DE COMPOSES APPARENTES, DE L'ACIDE (1S,3S)-3-AMINO-4-(DIFLUOROMETHYLIDENE)CYCLOPENTANE-1-CARBOXYLIQUE ET DE LA VIGABATRINE DANS LE TRAITEMENT DE TROUBLES DU DEVELOPPEMENT**
[72] DURING, MATTHEW, US
[72] ABRAHAMS, BRETT, US
[71] OVID THERAPEUTICS INC., US
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[54] **TUNABLE NANOFIBER NONWOVEN PRODUCTS**
[54] **PRODUITS NON-TISSES A NANOFIBRES REGLABLES**
[72] YUNG, WAI-SHING, US
[72] SCHWIER, CHRIS E., US
[72] ORTEGA, ALBERT, US
[72] OSBORN, SCOTT E., US
[71] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
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[30] US (62/682,465) 2018-06-08

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[54] **USER TERMINAL AND WIRELESS COMMUNICATION METHOD**
[54] **TERMINAL D'UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] MATSUMURA, YUKI, JP
[72] NAGATA, SATOSHI, JP
[72] WANG, JING, CN
[72] LI, HUILING, CN
[72] HOU, XIAOLIN, CN
[71] NTT DOCOMO, INC., JP
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[54] **WELLBORE COMPOSITION**
[54] **COMPOSITION DE PUITS DE FORAGE**
[72] JIANG, LI, US
[72] BEETGE, JAN, US
[71] HEXION INC., US
[85] 2020-12-04
[86] 2019-06-17 (PCT/US2019/037516)
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[25] EN
[54] **USE OF HALOGEN COMPOUNDS FOR THE TREATMENT AND PREVENTION OF TISSUE INJURY AND POST-INTENSIVE CARE SYNDROME**
[54] **UTILISATION DE COMPOSES HALOGENES POUR LE TRAITEMENT ET LA PREVENTION D'UNE LESION TISSULAIRE ET D'UN SYNDROME POST-SOINS INTENSIFS**
[72] HILL, STEPHEN A., US
[72] ROTH, MARK B., US
[72] LANGSTON, JOHN W., US
[72] MORRISON, MICHAEL L., US
[72] IWATA, AKIKO, US
[72] INSKO, MICHAEL ANDREW, US
[71] FARADAY PHARMACEUTICALS, INC., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2020-12-04
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[54] **PET LITTER BOX**
[54] **BAC DE LITIERE POUR ANIMAL DE COMPAGNIE**
[72] WARD, ERIC ALEXANDER, US
[72] GRAVES, JASON, US
[72] ANDERSON, RYAN, US
[72] NYTKO, ROBERT A., US
[72] INGERSOLL, TINA, US
[71] RADIO SYSTEMS CORPORATION, US
[85] 2020-12-04
[86] 2019-06-10 (PCT/US2019/036305)
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[54] **IONIC LIQUID CATALYST REGENERATION**
[54] **REGENERATION DE CATALYSEUR LIQUIDE IONIQUE**
[72] CARTER, ELIZABETH, US
[72] SPINNER, JOEL B., US
[71] UOP LLC, US
[85] 2020-12-04
[86] 2019-06-18 (PCT/US2019/037595)
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[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO HIGH-THROUGHPUT MODELS FOR ANTIBODY DISCOVERY AND/OR OPTIMIZATION**
[54] **PROCEDES ET COMPOSITIONS RELATIFS A DES MODELES A HAUT RENDEMENT POUR LA DECOUVERTE ET/OU L'OPTIMISATION D'ANTICORPS**
[72] ALT, FREDERICK W., US
[72] JAIN, SUVI, US
[72] BA, ZHAOQING, US
[72] TIAN, MING, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2020-12-04
[86] 2019-06-10 (PCT/US2019/036321)
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[54] **VIRUS AND ANTIGEN PURIFICATION AND CONJUGATION**
[54] **PURIFICATION ET CONJUGAISON DE VIRUS ET D'ANTIGENE**
[72] BURDEN, LEIGH, US
[72] HUME, STEVEN D., US
[72] MORTON, JOSHUA, US
[72] POGUE, GREG, US
[72] BRATCHER, BARRY, US
[72] HAYDON, HUGH A., US
[72] SIMPSON, CARRIE A., US
[72] PARTAIN, NICK, US
[72] SWOPE, KELSI, US
[72] SHEPPARD, JOHN W., US
[71] KENTUCKY BIOPROCESSING, INC., US
[85] 2020-12-04
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[54] **REGULATED POWER SOURCES**
[54] **SOURCES D'ENERGIE REGULEES**
[72] NILLES, GERALD, US
[72] PATTON, RUSSELL DOUGLAS, US
[72] PEREZ, RAUL ALEJANDRO, US
[72] SIMONS, PATRICK TIMOTHY MCSWEENEY, US
[71] SNAP INC., US
[85] 2020-12-04
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[25] EN
[54] **STEM CELL-ENGINEERED INKT CELL-BASED OFF-THE-SHELF CELLULAR THERAPY**
[54] **THERAPIE CELLULAIRE STANDARD BASEE SUR DES LYMPHOCYTES T TUEURS NATURELS INVARIANTS MODIFIES A PARTIR DE CELLULES SOUCHES**
[72] YANG, LILI, US
[72] ZHU, YANNI, US
[72] SEET, CHRISTOPHER, US
[72] MONTEL-HAGEN, AMELIE, US
[72] CROOKS, GAY, MIRIAM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[25] EN
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[54] **DISPOSITIFS, PROCEDES ET SYSTEMES DE RESERVOIR**
[72] LANIGAN, RICHARD J., US
[72] FERRIS, JOSHUA I., US
[72] DEMERS, JASON A., US
[72] LEPAGE, ALBERT, US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2020-12-04
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[54] **LINER INSTALLATION WITH INFLATABLE PACKER**
[54] **INSTALLATION DE DOUBLURE AVEC GARNITURE GONFLABLE**
[72] ARSALAN, MUHAMMAD, SA
[72] CLAYBOROUGH, HENRIK WANVIK, NO
[72] FELLINGHAUG, JARL ANDRE, NO
[71] SAUDI ARABIAN OIL COMPANY, SA
[71] WIRELESS INSTRUMENTATION SYSTEMS AS, NO
[85] 2020-12-04
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[54] **MODULE AVEC CANAUX E/S A LARGEUR DE BANDE DE CRETE ELEVEE**
[72] DE ROCHEMONT, L. PIERRE, US
[71] DE ROCHEMONT, L. PIERRE, US
[85] 2020-12-04
[86] 2019-06-05 (PCT/US2019/035633)
[87] (WO2019/236734)
[30] US (62/680,762) 2018-06-05
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[51] **Int.Cl. B23B 31/20 (2006.01) B23Q 5/06 (2006.01)**
[25] EN
[54] **NINETY DEGREE AUTO CHANGER SPINDLE MOUNTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE DE BROCHE A CHANGEMENT AUTOMATIQUE A QUATRE-VINGT-DIX DEGRES**
[72] DODDS, KEMMA, US
[71] AIR TURBINE TECHNOLOGY, INC., US
[85] 2020-12-04
[86] 2019-06-06 (PCT/US2019/035696)
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[51] **Int.Cl. H04L 29/00 (2006.01)**
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[54] **THREAT MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DE MENACE**
[72] MURPHY, BRIAN P., US
[72] PARTLOW, JOE, US
[72] O' CONNOR, COLIN, US
[72] PFEIFFER, JASON, US
[71] RELIAQUEST HOLDINGS, LLC, US
[85] 2020-12-04
[86] 2019-06-06 (PCT/US2019/035704)
[87] (WO2019/236786)
[30] US (62/681,279) 2018-06-06
[30] US (62/737,558) 2018-09-27
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[54] **ENZYMATIC POT AND PAN DETERGENT**
[54] **DETERGENT ENZYMATIQUE POUR POTS ET CASSEROLES**
[72] LIU, JOHNNY ZHENGRONG, US
[72] JENSEN, LYNDAL, US
[72] WERST, ELENA, US
[72] HODGE, CHARLES A., US
[71] ECOLAB USA INC., US
[85] 2020-12-04
[86] 2019-06-06 (PCT/US2019/035706)
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[54] **THREAT MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DE MENACE**
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[72] PARTLOW, JOE, US
[72] O'CONNOR, COLIN, US
[72] PFEIFFER, JASON, US
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[54] **EPINEPHRINE SPRAY FORMULATIONS**
[54] **FORMULATIONS DE PULVERISATION D'EPINEPHRINE**
[72] POTTA, THRIMOORTHY, US
[72] BASTIAN, CRAIG, US
[72] YAN, NINGXIN, US
[72] GOSKONDA, VENKAT, US
[72] CHILAMPALLI, CHANDESHWARI, US
[72] INAVOLU, RACHANA, US
[72] NARAYANAN, ESHWARAN, US
[71] HIKMA PHARMACEUTICALS USA INC., US
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[86] 2019-06-12 (PCT/US2019/036788)
[87] (WO2019/241401)
[30] US (16/007,998) 2018-06-13
[30] US (16/007,999) 2018-06-13
[30] US (16/023,313) 2018-06-29
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[54] **THREAT MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DE MENACE**
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[72] PARTLOW, JOE, US
[72] O'CONNOR, COLIN, US
[72] PFEIFFER, JASON, US
[71] RELIAQUEST HOLDINGS, LLC, US
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[54] **ANION EXCHANGE CHROMATOGRAPHY FOR RECOMBINANT AAV PRODUCTION**
[54] **CHROMATOGRAPHIE D'ECHANGE D'ANIONS POUR LA PRODUCTION DE VAA RECOMBINANTS**
[72] ZHANG, CLAIRE G., US
[72] LEVINE, JEFFREY, US
[72] ZAFAR, SARA, US
[72] GERNER, FRANZ M., US
[71] REGENXBIO INC., US
[85] 2020-12-04
[86] 2019-06-13 (PCT/US2019/037013)
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[51] **Int.Cl. G06F 21/53 (2013.01) G06F 21/55 (2013.01) H04L 29/14 (2006.01)**
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[54] **THREAT MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DE MENACE**
[72] MURPHY, BRIAN P., US
[72] PARTLOW, JOE, US
[72] O'CONNOR, COLIN, US
[72] PFEIFFER, JASON, US
[71] RELIAQUEST HOLDINGS, LLC, US
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[54] **THREAT MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DE MENACE**
[72] MURPHY, BRIAN P., US
[72] PARTLOW, JOE, US
[72] O'CONNOR, COLIN, US
[72] PFEIFFER, JASON, US
[71] RELIAQUEST HOLDINGS, LLC, US
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[54] **NOVEL INTERLEUKIN-15 (1L-15) FUSION PROTEINS AND USES THEREOF**
[54] **NOUVELLES PROTEINES DE FUSION D'INTERLEUKINE 15 (IL-15) ET UTILISATIONS DE CELLES-CI**
[72] LI, YUE-SHENG, US
[72] RUI, LINGYUN, US
[72] XU, JING, US
[71] CUGENE INC., US
[85] 2020-12-04
[86] 2019-06-20 (PCT/US2019/038210)
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[30] US (62/689,051) 2018-06-22

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[51] **Int.Cl. C07K 2/00 (2006.01) A61K 38/16 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **CYTOKINE-BASED BIOACTIVATABLE DRUGS AND METHODS OF USES THEREOF**
[54] **MEDICAMENTS BIOACTIVABLES A BASE DE CYTOKINE ET PROCEDES D'UTILISATIONS ASSOCIES**
[72] LI, YUE-SHENG, US
[72] RUI, LINGYUN, US
[72] XU, JING, US
[71] CUGENE INC., US
[85] 2020-12-04
[86] 2019-06-20 (PCT/US2019/038229)
[87] (WO2019/246392)
[30] US (62/689,053) 2018-06-22

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[51] **Int.Cl. A01B 59/06 (2006.01) A01B 15/14 (2006.01) A01B 23/04 (2006.01) A01B 63/00 (2006.01) A01B 63/111 (2006.01)**
[25] EN
[54] **IMPROVED TRASHER ARRANGEMENT AND PARALLELOGRAM MOUNTING SYSTEM**
[54] **AGENCEMENT DE BINEUSE AMELIORE ET SYSTEME DE MONTAGE DE PARALLELOGRAMME**
[72] PEARSON, MICHAEL GEORGE, AU
[71] K FACTOR CONSULTING PTY LTD, AU
[85] 2020-12-07
[86] 2019-06-07 (PCT/AU2019/050592)
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[30] AU (2018902081) 2018-06-08
[30] AU (2018903431) 2018-09-12

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[25] EN
[54] **A SECURE DECENTRALIZED SYSTEM UTILIZING SMART CONTRACTS, A BLOCKCHAIN, AND/OR A DISTRIBUTED FILE SYSTEM**
[54] **SYSTEME DECENTRALISE SECURISE UTILISANT DES CONTRATS INTELLIGENTS, UN CHAINE DE BLOCS ET/OU UN SYSTEME DE FICHIERS DISTRIBUE**
[72] LEE, JONATHAN, CA
[72] FRENSCH, STEVE, CA
[72] GREIG, ETHAN, CA
[72] NALEPA, ANNA-MARIA, CA
[72] JIAN, ZHENG, CA
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2020-12-04
[86] 2019-05-31 (PCT/US2019/034913)
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[30] US (15/997,271) 2018-06-04

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[25] EN
[54] **DISEASE MODIFYING METHODS FOR TREATING NEURODEGENERATIVE DISEASES USING NOOTROPIC AGENTS**
[54] **METHODES DE MODIFICATION DE MALADIES POUR TRAITER DES MALADIES NEURODEGENERATIVES A L'AIDE D'AGENTS NOOTROPIQUES**
[72] DAGDA, RAUL Y., US
[72] DAGDA, RUBEN K., US
[71] BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION, ON BEHALF OF THE UNIVERSITY OF NEVADA, RENO, US
[85] 2020-12-04
[86] 2019-06-20 (PCT/US2019/038239)
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[54] **SMALL MOLECULE INDUCERS OF AUTOPHAGY**
[54] **INDUCTEURS A PETITES MOLECULES D'AUTOPHAGIE**
[72] DEBRABANDER, JEF, US
[72] LIANG, QIREN, US
[72] LEVINE, BETH, US
[72] CHIANG, WEI-CHUNG, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **INTERLEUKIN-2 VARIANTS AND METHODS OF USES THEREOF**
[54] **VARIANTS D'INTERLEUKINE-2 ET LEURS PROCEDES D'UTILISATION**
[72] LI, YUE-SHENG, US
[72] RUI, LINGYUN, US
[72] XU, JING, US
[71] CUGENE INC., US
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[86] 2019-06-20 (PCT/US2019/038248)
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[54] **APPARATUS AND METHODS FOR RADIOFREQUENCY SENSING**
[54] **APPAREIL ET PROCEDES DE DETECTION DE RADIOFREQUENCE**
[72] SAGHLATOON, HOSSEIN, CA
[72] MIRZAVAND BOROUJENI, RASHID, CA
[72] MOUSAVI BAFROOEI, PEDRAM, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **STATIC TRANSFER SWITCH WITH RESONANT TURN-OFF**
[54] **COMMUTATEUR DE TRANSFERT STATIQUE AVEC MISE HORS CIRCUIT RESONNANT**
[72] PAN, ZHIGUO, US
[72] OUDRHIRI, ADIL, US
[72] ZHANG, ZICHI, SE
[72] DU, YU, US
[71] ABB SCHWEIZ AG, CH
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[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING HIGH PURITY SPHERICAL METALLIC POWDERS AT HIGH PRODUCTION RATES FROM ONE OR TWO WIRES**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE POUDRES METALLIQUES SPHERIQUES DE HAUTE PURETE A DES VITESSES DE PRODUCTION ELEVEES A PARTIR D'UN OU DE DEUX FILS**
[72] PROULX, FRANCOIS, CA
[72] DORVAL DION, CHRISTOPHER ALEX, CA
[72] CARABIN, PIERRE, CA
[71] PYROGENESIS CANADA INC., CA
[85] 2020-12-07
[86] 2019-06-06 (PCT/CA2019/000081)
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[54] **PREPARATION OF DILIPID POLYMYXINS AND USE THEREOF AS ANTIMICROBIAL ADJUVANTS**
[54] **PREPARATION DE POLYMYXINES BILIPIDIQUES ET LEUR UTILISATION COMME ADJUVANTS ANTIMICROBIENS**
[72] DOMALAON, RONALD, CA
[72] SCHWEIZER, FRANK, CA
[71] UNIVERSITY OF MANITOBA, CA
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[86] 2019-06-05 (PCT/CA2019/050780)
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[54] **UPDATING EXECUTABLE GRAPHS**
[54] **MISE A JOUR DE GRAPHES EXECUTABLES**
[72] BACH, EDWARD ALAN, US
[72] SHAPIRO, RICHARD A., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2020-12-04
[86] 2019-06-04 (PCT/US2019/035296)
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[54] **SILK-BASED PRODUCT FORMULATIONS AND METHODS OF USE**
[54] **FORMULATIONS DE PRODUIT A BASE DE SOIE ET PROCEDES D'UTILISATION**
[72] DELISLE, SCOTT, US
[72] EASTHON, LINDSEY, US
[72] SANTOS, MICHAEL, US
[72] TWEED-KENT, AILIS, US
[72] BELEN, LAURA, US
[72] SCHILLO, CHRISTOPHER, US
[72] WHITLOCK, ANDY, US
[72] VAN ZYL, TAVE, US
[71] COCOON BIOTECH INC., US
[85] 2020-12-04
[86] 2019-06-04 (PCT/US2019/035306)
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[30] US (62/680,376) 2018-06-04
[30] US (62/717,025) 2018-08-10
[30] US (62/757,984) 2018-11-09
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[54] **METHOD AND SYSTEM FOR DYNAMIC ADJUSTMENT OF A MODEL**
[54] **PROCEDE ET SYSTEME D'AJUSTEMENT DYNAMIQUE D'UN MODELE**
[72] SCHNEIDER, SASCHA, DE
[72] DERZAPF, EVGENIJ, DE
[72] ALONI, RAVID, DE
[71] DENTSPLY SIRONA INC., US
[85] 2020-12-04
[86] 2019-06-25 (PCT/US2019/038938)
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[54] **FREE-FLOWING SOLID ENCAPSULATED DRAG REDUCING ADDITIVES**
[54] **ADDITIFS REDUCTEURS DE TRAINEE ENCAPSULES SOLIDES A ECOULEMENT LIBRE**
[72] VITTUR, BRANDON, US
[72] BRAVO, ANTHONY D., US
[72] POLAND, ROSS, US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2020-12-04
[86] 2019-06-13 (PCT/US2019/037058)
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[54] **RNA-GUIDED NUCLEASES AND ACTIVE FRAGMENTS AND VARIANTS THEREOF AND METHODS OF USE**
[54] **NUCLEASES GUIDEES PAR ARN ET FRAGMENTS ACTIFS ET VARIANTS ASSOCIES ET METHODES D'UTILISATION**
[72] BOWEN, TYSON D., US
[72] ELICH, TEDD D., US
[72] CRAWLEY, ALEXANDRA BRINER, US
[72] BARRANGOU, RODOLPHE, US
[72] COYLE, MICHAEL, US
[71] LIFEEDIT, INC., US
[85] 2020-12-04
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[54] **GENERAL AMYLOID INTERACTION MOTIF (GAIM)**
[54] **MOTIF D'INTERACTION AMYLOIDE GENERAL (GAIM)**
[72] KRISHNAN, RAJARAMAN, US
[72] ASP, EVA, US
[72] PROSCHITSKY, MING, US
[72] FISHER, RICHARD, US
[71] PROCLARA BIOSCIENCES, INC., US
[85] 2020-12-04
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[51] **Int.Cl. G06F 21/53 (2013.01) G06F 21/55 (2013.01) H04L 29/14 (2006.01)**
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[54] **THREAT MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DE MENACE**
[72] MURPHY, BRIAN P., US
[72] PARTLOW, JOE, US
[72] O'CONNOR, COLIN, US
[72] PFEIFFER, JASON, US
[71] RELIAQUEST HOLDINGS, LLC, US
[85] 2020-12-04
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[51] **Int.Cl. G06F 21/53 (2013.01) G06F 21/55 (2013.01) H04L 29/14 (2006.01)**
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[54] **THREAT MITIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ATTENUATION DE MENACE**
[72] MURPHY, BRIAN P., US
[72] PARTLOW, JOE, US
[72] O'CONNOR, COLIN, US
[72] PFEIFFER, JASON, US
[71] RELIAQUEST HOLDINGS, LLC, US
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[54] **TELECOMMUNICATIONS NETWORK TRAFFIC METRICS EVALUATION AND PREDICTION**
[54] **EVALUATION ET PREDICTION DE METRIQUES DE TRAFIC DE RESEAU DE TELECOMMUNICATIONS**
[72] SAMADI, PAYMAN, US
[71] THE JOAN AND IRWIN JACOBS TECHNION-CORNELL INSTITUTE, US
[85] 2020-12-04
[86] 2019-06-06 (PCT/US2019/035798)
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[54] **NOVEL SALTS AND CRYSTALS**
[54] **NOUVEAUX SELS ET CRISTAUX**
[72] LI, PENG, US
[71] INTRA-CELLULAR THERAPIES, INC., US
[85] 2020-12-04
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[54] **DOT1L DEGRADERS AND USES THEREOF**
[54] **AGENTS DE DEGRADATION DE DOT1L ET UTILISATIONS ASSOCIEES**
[72] QI, JUN, US
[72] ARMSTRONG, SCOTT, US
[72] PARK, PAUL M., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2020-12-04
[86] 2019-06-27 (PCT/US2019/039368)
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[30] US (62/690,791) 2018-06-27

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[51] **Int.Cl. C08J 9/12 (2006.01) C08L 23/08 (2006.01)**
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[54] **FOAMABLE POLYOLEFIN COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSITIONS DE POLYOLEFINE POUVANT FORMER UNE MOUSSE ET PROCEDES ASSOCIES**
[72] GALIATSATOS, VASSILIOS, US
[72] CECCARANI, FABIO, US
[72] SHU, CHICHANG, US
[72] KRAMB, RYAN, US
[72] TRIASSI, IGNAZIO, US
[71] LYONDELLBASELL ADVANCED POLYMERS INC., US
[85] 2020-12-04
[86] 2019-06-14 (PCT/US2019/037293)
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[30] US (62/685,133) 2018-06-14

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[54] **ANTIBODIES THAT TARGET HIV GP120 AND METHODS OF USE**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A LA GP120 DU VIH PD-1 ET LEURS METHODES D'UTILISATION**
[72] BALAKRISHNAN, MINI, US
[72] CARR, BRIAN A., US
[72] HUNG, MAGDELEINE S., US
[72] KANWAR, MANU, US
[72] PACE, CRAIG S., US
[72] REHDER, DOUG, US
[72] SCHENAUER, MATTHEW ROBERT, US
[72] SERAFINI, LOREDANA, US
[72] STEPHENSON, HEATHER THERESA, US
[72] THOMSEN, NATHAN D., US
[72] YU, HELEN, US
[72] ZHANG, XUE, US
[71] GILEAD SCIENCES, INC., US
[85] 2020-12-04
[86] 2019-07-02 (PCT/US2019/040342)
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[30] US (62/693,642) 2018-07-03
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[54] **ARTHROPLASTY IMPLANT SYSTEMS FOR GENERATING AND APPLYING DYNAMIC COMPRESSION**
[54] **SYSTEMES D'IMPLANT D'ARTHROPLASTIE POUR GENERER ET APPLIQUER UNE COMPRESSION DYNAMIQUE**
[72] FONTE, MATTHEW, US
[72] GARLOCK, ADAM, US
[71] ARTHREX, INC., US
[85] 2020-12-04
[86] 2019-07-08 (PCT/US2019/040783)
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[25] EN
[54] **WHEELCHAIR PRESSURE ULCER RISK MANAGEMENT COACHING SYSTEM AND METHODOLOGY**
[54] **SYSTEME ET METHODOLOGIE D'ACCOMPAGNEMENT DE GESTION D'ESCARRE DE DECUBITUS DE FAUTEUIL ROULANT**
[72] COOPER, RORY ALAN, US
[72] CHUNG, CHENGSHIU, US
[72] GRINDLE, GARETT G., US
[72] COOPER, ROSEMARIE, US
[72] SUNDARAM, SATHISH ANDREA, US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
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[25] EN
[54] **BULKED CONTINUOUS CARPET FILAMENT MANUFACTURING FROM POLYTRIMETHYLENE TEREPHTHALATE**
[54] **FABRICATION DE FIL CONTINU GONFLANT POUR TAPIS A PARTIR DE POLYTRIMETHYLENE TEREPHTALATE**
[72] CLARK, THOMAS R., US
[71] ALADDIN MANUFACTURING CORPORATION, US
[85] 2020-12-04
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[54] **THERAPEUTIC METHODS AND COMPOSITIONS FOR TREATING PANCREATIC CANCER USING 6,8-BIS(BENZYLSULFANYL)OCTANOIC ACID**
[54] **METHODES ET COMPOSITIONS THERAPEUTIQUES DESTINEES AU TRAITEMENT DU CANCER DU PANCREAS A L'AIDE D'ACIDE 6,8-BIS(BENZYLSULFANYL)OCTANOIQUE**
[72] LUTHER, SANJEEV, US
[72] SHORR, ROBERT G.L., US
[71] RAFAEL PHARMACEUTICALS, INC., US
[85] 2020-12-04
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[54] **TWO-QUBIT GATES IMPLEMENTED WITH A TUNABLE COUPLER**
[54] **PORTES A DEUX BITS QUANTIQUES MISES EN □UVRE AVEC UN COUPLEUR ACCORDABLE**
[72] NEILL, CHARLES, US
[72] MEGRANT, ANTHONY EDWARD, US
[71] GOOGLE LLC, US
[85] 2020-12-04
[86] 2019-08-27 (PCT/US2019/048336)
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[54] **LUGGAGE ARTICLE SPLIT ALONG FRONT AND REAR MAJOR FACES**
[54] **BAGAGE DIVISE LE LONG DE FACES PRINCIPALES AVANT ET ARRIERE**
[72] DE VOS, WIM, BE
[72] SIJMONS, ERIK, BE
[72] OSKAMP, JURGEN, BE
[72] VANCOPPENHOLLE, WARD, BE
[72] VAN CAMPENHOUT, LUKAS, BE
[72] MEERSSCHAERT, REINHARD, BE
[72] ADRIAENSSENS, WARD, BE
[71] SAMSONITE IP HOLDINGS S. A R.L., LU
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[54] **AUTOMATED LABELING OF DATA WITH USER VALIDATION**
[54] **MARQUAGE AUTOMATIQUE DE DONNEES AVEC VALIDATION PAR L'UTILISATEUR**
[72] ROBERT, ERIC, CA
[71] ELEMENT AI INC., CA
[85] 2020-12-04
[86] 2019-06-07 (PCT/CA2019/050800)
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATICALLY OPENING AND CLOSING A DOOR USING EXTERNAL MOMENTUM**
[54] **SYSTEMES ET PROCEDES POUR OUVRIR ET FERMER AUTOMATIQUEMENT UNE PORTE A L'AIDE D'UN MOMENT CINETIQUE EXTERNE**
[72] AZLANI, KYA, CA
[71] AZLANI, KYA, CA
[85] 2020-12-07
[86] 2019-06-11 (PCT/CA2019/050819)
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[51] **Int.Cl. A61F 2/14 (2006.01)**
[25] EN
[54] **DEVICE FOR PROVIDING AND INSERTING A TRANSPLANT OR IMPLANT INTO A HUMAN OR ANIMAL BODY AND READY-TO-USE SET COMPRISING SAID DEVICE**
[54] **DISPOSITIF DESTINE A PREPARER ET A INTRODUIRE UN TRANSPLANT OU UN IMPLANT DANS UN CORPS HUMAIN OU ANIMAL ET ENSEMBLE PRET A L'EMPLOI COMPRENANT CE DISPOSITIF**
[72] EL-AYARI, HAMADI, DE
[72] EDER, JUERGEN, DE
[71] GEUDER AG, DE
[85] 2020-12-07
[86] 2019-06-04 (PCT/DE2019/200060)
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[54] **PROCESS FOR PRODUCING A DEACIDIFIED FLUID STREAM**
[54] **PROCEDE DE PRODUCTION D'UN COURANT DE FLUIDE DESACIDIFIE**
[72] SIEDER, GEORG, DE
[72] FERNANDEZ-RODILES, RAQUEL, US
[72] INGRAM, THOMAS, DE
[71] BASF SE, DE
[85] 2020-12-07
[86] 2019-05-31 (PCT/EP2019/064160)
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[25] EN
[54] **MODIFIED RAPESEED PROTEIN ISOLATE**
[54] **ISOLAT DE PROTEINE DE COLZA MODIFIEE**
[72] VLASIE, MONICA DIANA, NL
[72] NAN, HELENA MARIA, NL
[72] SEIN, ARJEN, NL
[71] DSM IP ASSETS B.V., NL
[85] 2020-12-07
[86] 2019-06-06 (PCT/EP2019/064743)
[87] (WO2019/234137)
[30] EP (18176407.7) 2018-06-07

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[51] **Int.Cl. C07D 317/36 (2006.01) C07B 41/06 (2006.01) C07B 63/00 (2006.01) C07D 317/38 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING CARBONATES BY ADDITION OF CO2 WITH AN EPOXIDE**
[54] **PROCEDE DE PREPARATION DE CARBONATES PAR ADDITION DE CO2 AVEC UN EPOXYDE**
[72] TRESKOW, MARCEL, DE
[72] GRAFF, GUNTHER, DE
[72] CASPARI, MAIK, DE
[72] SCHUTZ, THORBEN, DE
[72] KRILL, STEFFEN, DE
[72] BLEITH, TIM, DE
[71] EVONIK OPERATIONS GMBH, DE
[85] 2020-12-07
[86] 2019-06-07 (PCT/EP2019/064911)
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[30] EP (18176920.9) 2018-06-11

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[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR REMOTE REGISTRATION OF USERS OF A MOBILE NETWORK**
[54] **SYSTEME D'ENREGISTREMENT A DISTANCE DES UTILISATEURS DE RESEAU MOBILE**
[72] DAGIROV, VITALIJ BORISOVICH, CA
[71] DAGIROV, VITALIJ BORISOVICH, CA
[85] 2020-12-02
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[30] RU (2018120919) 2018-06-06

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[51] **Int.Cl. F16C 33/78 (2006.01) F16C 19/22 (2006.01) F16C 33/58 (2006.01) F16J 15/32 (2016.01)**
[25] EN
[54] **INSERT AND WEAR RING FOR A RAILWAY ROLLER BEARING**
[54] **SIEGE RAPPORTE ET COLLERETTE D'ETANCHEITE POUR UN ROULEMENT A ROULEAUX FERROVIAIRE**
[72] LUMPKIN, MICHAEL, US
[72] MASON, MICHAEL, US
[71] AMSTED RAIL COMPANY, INC., US
[85] 2020-12-01
[86] 2019-06-13 (PCT/US2019/036896)
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[30] US (16/031,556) 2018-07-10

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[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING CARDIAC PERFORMANCE**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE PERFORMANCES CARDIAQUES**
[72] EL KATERJI, AHMAD, US
[72] TAN, QING, US
[72] MOYER, CHRISTIAN, US
[72] SHIP, ALEXANDER, US
[72] BHAVSAR, SONYA SANAT, US
[72] JOSEPHY, NOAM, US
[72] EDELMAN, ELAZER R., US
[72] CHANG, BRIAN YALE, US
[72] KELLER, STEVEN, US
[71] ABIOMED, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2020-12-09
[86] 2019-06-19 (PCT/US2019/038039)
[87] (WO2019/246301)
[30] US (62/687,133) 2018-06-19
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[25] EN
[54] **AIR PURIFICATION DEVICE**
[54] **DISPOSITIF DE PURIFICATION D'AIR**
[72] LLORENTE ALONSO, JOAQUIM, ES
[72] CABALLERO TAPIA, MOISES, ES
[72] GRAUS FERRER, ALBA, ES
[71] ZOBELE HOLDING SPA, ES
[85] 2020-12-07
[86] 2019-06-07 (PCT/EP2019/064973)
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[25] EN
[54] **COMPOUNDS FOR THE TREATMENT OF BOVINE OR SWINE RESPIRATORY DISEASE**
[54] **COMPOSES POUR LE TRAITEMENT D'UNE MALADIE RESPIRATOIRE BOVINE OU PORCINE**
[72] MEYER, THORSTEN, DE
[72] BERGER, MICHAEL, DE
[72] WARRASS, RALF, DE
[72] ULLRICH, JOACHIM, DE
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-12-07
[86] 2019-06-24 (PCT/EP2019/066673)
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[51] **Int.Cl. G09B 19/00 (2006.01) A63B 24/00 (2006.01)**
[25] EN
[54] **REAL TIME SPORTS MOTION TRAINING AID**
[54] **ACCESSOIRE D'ENTRAINEMENT A UN MOUVEMENT SPORTIF EN TEMPS REEL**
[72] REDGARD, FREDRIK, SE
[72] NILSSON, JOHAN, SE
[71] WEST & BERGH HOLDING AB, SE
[85] 2020-12-07
[86] 2019-06-27 (PCT/EP2019/067208)
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[25] EN
[54] **NUCLEIC ACID AMPLIFICATION METHOD**
[54] **PROCEDE D'AMPLIFICATION D'ACIDE NUCLEIQUE**
[72] HOGERS, RENE CORNELIS JOSEPHUS, NL
[72] BLEEKER, MARIA JOHANNA, NL
[72] VAN EIJK, MICHAEL JOSEPHUS THERESIA, NL
[71] KEYGENE N.V., NL
[85] 2020-12-07
[86] 2019-06-12 (PCT/EP2019/065367)
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[25] EN
[54] **SPHERICAL STANNOUS COMPATIBLE SILICA PARTICLES FOR REDUCED RDA**
[54] **PARTICULES SPHERIQUES DE SILICE STANNEUSE COMPATIBLES POUR REDUIRE LA RDA**
[72] GALLIS, KARL W., US
[72] HAGAR, WILLIAM J., US
[72] NASSIVERA, TERRY W., US
[72] DOLAN, LAWRENCE EDWARD, US
[72] MIDHA, SANJEEV, US
[72] SCHNEIDERMAN, EVA, US
[71] EVONIK OPERATIONS GMBH, DE
[85] 2020-12-07
[86] 2019-06-12 (PCT/EP2019/065389)
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[30] US (62/684,073) 2018-06-12

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[25] EN
[54] **SPORTS TRAINING AID WITH MOTION DETECTOR**
[54] **ACCESSOIRE D'ENTRAINEMENT SPORTIF A DETECTEUR DE MOUVEMENT**
[72] REDGARD, FREDRIK, SE
[72] NILSSON, JOHAN, SE
[71] WEST & BERGH HOLDING AB, SE
[85] 2020-12-07
[86] 2019-06-27 (PCT/EP2019/067220)
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[25] EN
[54] **REAL TIME GOLF SWING TRAINING AID**
[54] **DISPOSITIF D'ENTRAINEMENT EN TEMPS REEL A L'ELAN DE GOLF**
[72] REDGARD, FREDRIK, SE
[72] NILSSON, JOHAN, SE
[71] WEST & BERGH HOLDING AB, SE
[85] 2020-12-07
[86] 2019-06-27 (PCT/EP2019/067222)
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[51] **Int.Cl. B05B 11/00 (2006.01) A61M 11/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **IMPROVED INHALATION DEVICE**
[54] **DISPOSITIF D'INHALATION AMELIORE**
[72] BARTELS, FRANK, DE
[72] RAWERT, JURGEN, DE
[71] SOFTHALE NV, BE
[85] 2020-12-07
[86] 2019-07-12 (PCT/EP2019/068866)
[87] (WO2020/016135)
[30] EP (18183726.1) 2018-07-16
[30] US (62/698,401) 2018-07-16

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[51] **Int.Cl. B65D 17/28 (2006.01)**
[25] EN
[54] **METALLIC CAN END**
[54] **COUVERCLE DE BOITE METALLIQUE**
[72] PIECH, GREGOR ANTON, AT
[71] TOP CAP HOLDING GMBH, AT
[85] 2020-12-07
[86] 2019-06-17 (PCT/EP2019/065879)
[87] (WO2019/243254)
[30] EP (18178571.8) 2018-06-19

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[51] **Int.Cl. B65D 51/16 (2006.01) B65D 17/28 (2006.01) B65D 53/02 (2006.01)**
[25] EN
[54] **METALLIC CAN END**
[54] **COUVERCLE DE BOITE METALLIQUE**
[72] PIECH, GREGOR ANTON, AT
[71] TOP CAP HOLDING GMBH, AT
[85] 2020-12-07
[86] 2019-06-17 (PCT/EP2019/065890)
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[30] EP (18178561.9) 2018-06-19

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[51] **Int.Cl. H04L 12/801 (2013.01) H04W 28/02 (2009.01) H04L 12/26 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A PERFORMANCE INDICATOR OF A WIRELESS TELECOMMUNICATIONS NETWORK**
[54] **PROCEDE DE DETERMINATION D'UN INDICATEUR DE PERFORMANCES D'UN RESEAU DE TELECOMMUNICATIONS SANS FIL**
[72] MANNER, JUKKA, FI
[72] SONNTAG, SEBASTIAN, FI
[72] PAATSILA, TOMI, FI
[72] BOZ, EREN, FI
[71] CELLTRUM OY, FI
[85] 2020-12-07
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[87] (WO2019/239005)
[30] FI (FI20187084) 2018-06-15
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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4427 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61P 25/28 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **OGA INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS D'OGA**
[72] BARTOLOME-NEBREDA, JOSE MANUEL, ES
[72] TRABANCO-SUAREZ, ANDRES, AVELINO, ES
[72] DELGADO-JIMENEZ, FRANCISCA, ES
[72] DE LUCAS OLIVARES, ANA ISABEL, ES
[72] VEGA RAMIRO, JUAN, ANTONIO, ES
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2020-12-07
[86] 2019-06-20 (PCT/EP2019/066390)
[87] (WO2019/243531)
[30] EP (18382450.7) 2018-06-20

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[51] **Int.Cl. C12M 1/42 (2006.01) C12H 1/16 (2006.01)**
[25] EN
[54] **APPARATUS AND A METHOD FOR THE USE OF PULSED ELECTROMAGNETIC FIELD TO CHANGE THE CONDITION OF A PRODUCT AND/OR THE GENERATION OF SAID PRODUCT**
[54] **APPAREIL ET PROCEDE D'UTILISATION D'UN CHAMP ELECTROMAGNETIQUE PULSE POUR MODIFIER L'ETAT D'UN PRODUIT ET/OU LA GENERATION DUDIT PRODUIT**
[72] HENRY, WILLIAM JOHN, GB
[72] TAYLOR, CHRISTOPHER, GB
[71] ZENOTOP LIMITED, GB
[85] 2020-12-07
[86] 2019-06-07 (PCT/GB2019/051584)
[87] (WO2019/234442)
[30] GB (1809355.9) 2018-06-07
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[54] **SELF-TAPPING SCREW**
[54] **VIS AUTO-TARAUDEUSE**
[72] ACHENBACH, MICHAEL, DE
[72] BEHLE, JUERGEN, DE
[72] BIRKELBACH, RALF, DE
[72] DIECKMANN, VOLKER, DE
[72] DRATSCHMIDT, FRANK, DE
[72] HACKLER, JAN, DE
[72] GERBER, RENE, DE
[72] HELLMIG, RALPH J., DE
[72] SELIMI, ILIR, DE
[72] WEITZEL, STEPHAN, DE
[71] EJOT GMBH & CO. KG, DE
[85] 2020-12-07
[86] 2019-06-21 (PCT/EP2019/066533)
[87] (WO2019/243608)
[30] DE (10 2018 114 983.2) 2018-06-21

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[25] EN
[54] **COMPOUNDS USEFUL FOR THE TREATMENT OF INFECTION WITH MANNHEIMIA HAEMOLYTICA OR HISTOPHILUS SOMNI**
[54] **COMPOSES UTILES POUR LE TRAITEMENT D'UNE INFECTION PAR MANNHEIMIA HAEMOLYTICA OU HISTOPHILUS SOMNI**
[72] MEYER, THORSTEN, DE
[72] BERGER, MICHAEL, DE
[72] WARRASS, RALF, DE
[72] ULLRICH, JOACHIM, DE
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2020-12-07
[86] 2019-06-24 (PCT/EP2019/066667)
[87] (WO2020/002234)
[30] EP (18179616.0) 2018-06-25

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[13] A1
[51] **Int.Cl. H01B 7/30 (2006.01) H01B 9/00 (2006.01) H02J 3/22 (2006.01)**
[25] EN
[54] **CAPACITIVE POWER TRANSMISSION CABLE**
[54] **CABLE DE TRANSMISSION DE PUISSANCE CAPACITIF**
[72] SALEHI-MOGHADAM, MANSOUR, GB
[72] O'BRIEN, GARETH, IE
[72] LUCAS-CLEMENTS, CHARLES, GB
[72] QUENNELL, DOMINIC, GB
[71] ENERTECHNOS HOLDINGS LIMITED, GB
[85] 2020-12-07
[86] 2019-06-07 (PCT/GB2019/051593)
[87] (WO2019/234449)
[30] GB (1809392.2) 2018-06-07
[30] GB (1810702.9) 2018-06-29

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[51] **Int.Cl. D21H 11/08 (2006.01) D21H 11/14 (2006.01) D21H 17/28 (2006.01) D21H 17/37 (2006.01) D21H 17/55 (2006.01) D21H 21/18 (2006.01) D21H 21/22 (2006.01) D21H 27/00 (2006.01) D21H 27/10 (2006.01) D21H 27/30 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING MULTI-LAYERED FIBROUS WEB AND MULTI-LAYERED FIBROUS WEB**
[54] **PROCEDE DE FABRICATION D'UNE BANDE FIBREUSE MULTICOUCHE ET BANDE FIBREUSE MULTICOUCHE**
[72] HIETANIEMI, MATTI, FI
[72] KARPPI, ASKO, FI
[72] RAUTIAINEN, JUKKA, FI
[71] KEMIRA OYJ, FI
[85] 2020-12-07
[86] 2019-07-10 (PCT/FI2019/050540)
[87] (WO2020/012074)
[30] FI (20185639) 2018-07-12

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[13] A1
[51] **Int.Cl. F23J 15/00 (2006.01) F23G 5/00 (2006.01) F23J 15/02 (2006.01)**
[25] EN
[54] **A METHOD OF OPERATING AN INCINERATOR COMPRISING A DEVICE FOR CAPTURING ASH ENTRAINED BY FLUE GAS**
[54] **PROCEDE DE FONCTIONNEMENT D'UN INCINERATEUR COMPRENANT UN DISPOSITIF DE CAPTURE DE CENDRES ENTRAINEES PAR UN GAZ DE COMBUSTION**
[72] BIERMANN, JOSEPH JAN PETER, NL
[71] MINPLUS B.V., NL
[85] 2020-12-07
[86] 2019-09-16 (PCT/NL2019/050600)
[87] (WO2020/055257)
[30] NL (2021632) 2018-09-14

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[13] A1
[51] **Int.Cl. F25B 1/00 (2006.01) F25B 1/06 (2006.01) F25B 1/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSFERRING HEAT**
[54] **APPAREIL ET PROCEDE DE TRANSFERT DE CHALEUR**
[72] OVERELV, KJELL ROBERT, NO
[71] TECHNOBLOCK SINOP AS, NO
[85] 2020-12-07
[86] 2019-05-21 (PCT/NO2019/050113)
[87] (WO2020/005071)
[30] NO (20180895) 2018-06-25

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[51] **Int.Cl. H01J 61/12 (2006.01) H01J 61/20 (2006.01) H01J 65/04 (2006.01)**
[25] EN
[54] **A PLASMA LIGHT SOURCE WITH LOW METAL HALIDE DOSE**
[54] **SOURCE DE LUMIERE PLASMA A FAIBLE DOSE D'HALOGENURE DE METAL**
[72] MUCKLEJOHN, STUART, GB
[72] PRESTON, BARRY, GB
[71] CERAVISION LIMITED, GB
[85] 2020-12-07
[86] 2019-06-07 (PCT/GB2019/051604)
[87] (WO2019/234455)
[30] GB (1809479.7) 2018-06-08

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[51] **Int.Cl. A24F 40/95 (2020.01) A24F 40/10 (2020.01)**
[25] EN
[54] **VAPOUR PROVISION DEVICE**
[54] **DISPOSITIF DE FOURNITURE DE VAPEUR**
[72] POTTER, MARK, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-12-07
[86] 2019-06-27 (PCT/GB2019/051821)
[87] (WO2020/002924)
[30] GB (1810714.4) 2018-06-29

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[51] **Int.Cl. C10M 169/04 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITION D'HUILE LUBRIFIANTE**
[72] CHOMMELOUX, CLAIRE, US
[72] BOFFA, ALEXANDER, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2020-12-07
[86] 2019-06-18 (PCT/IB2019/055077)
[87] (WO2019/244019)
[30] US (62/688,578) 2018-06-22

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **INTRAOSSEOUS INFUSION DEVICE**
[54] **DISPOSITIF DE PERFUSION INTRA-OSSEUSE**
[72] YAGMURLU, MUSA, TR
[71] MATEK MEDIKAL AYGITLAR TEKNOLOJI SANAYI VE TICARET ANONIM SIRKETI, TR
[85] 2020-12-07
[86] 2019-04-09 (PCT/TR2019/050231)
[87] (WO2019/236042)
[30] TR (2018/08113) 2018-06-07

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[51] **Int.Cl. C10L 1/14 (2006.01) C10L 1/16 (2006.01) C10L 1/196 (2006.01) C10L 1/197 (2006.01) C10L 1/222 (2006.01) C10L 1/224 (2006.01) C10L 1/226 (2006.01) C10L 1/232 (2006.01) C10L 1/238 (2006.01) C10L 1/2383 (2006.01) C10L 10/04 (2006.01) C10L 10/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS, USES AND METHODS FOR IMPROVING THE LOW TEMPERATURE PROPERTIES OF A MIDDLE DISTILLATE FUEL**
[54] **COMPOSITIONS, UTILISATIONS ET PROCEDES PERMETTANT D'AMELIORER DES PROPRIETES A BASSE TEMPERATURE D'UN COMBUSTIBLE DE DISTILLAT MOYEN**
[72] MEYER, TORSTEN, DE
[71] INNOSPEC LIMITED, GB
[85] 2020-12-07
[86] 2019-07-01 (PCT/GB2019/051870)
[87] (WO2020/008182)
[30] GB (1810852.2) 2018-07-02

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[13] A1
[51] **Int.Cl. C10M 133/56 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE**
[72] CHOMMELOUX, CLAIRE, US
[72] BOFFA, ALEXANDER, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2020-12-07
[86] 2019-06-18 (PCT/IB2019/055078)
[87] (WO2019/244020)
[30] US (62/688,567) 2018-06-22

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[54] **TECHNIQUES FOR DETERMINING FORMATION COMPOSITION FROM MEASURED NUCLEAR SPECTRA**
[54] **TECHNIQUES POUR LA DETERMINATION DE COMPOSITION DE FORMATION A PARTIR DE SPECTRES NUCLEAIRES MESURES**
[72] PEMPER, RICHARD R., US
[72] HOU, GUOJING, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
[85] 2020-12-07
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[25] EN
[54] **SELF-CONSISTENT STRUCTURES FOR SECURE TRANSMISSION AND TEMPORARY STORAGE OF SENSITIVE DATA**
[54] **STRUCTURES AUTO-COHERENTES POUR TRANSMISSION SECURISEE ET MEMORISATION TEMPORAIRE DE DONNEES SENSIBLES**
[72] TANG, ZILONG, US
[72] CHEN, JAMES F., US
[72] QIAN, CHEN, US
[71] DRFIRST.COM, INC., US
[85] 2020-12-07
[86] 2018-12-13 (PCT/US2018/065488)
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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 9/06 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **ENCRYPTION DEVICE, A COMMUNICATION SYSTEM AND METHOD OF EXCHANGING ENCRYPTED DATA IN A COMMUNICATION NETWORK**
[54] **DISPOSITIF DE CHIFFREMENT, SYSTEME DE COMMUNICATION ET PROCEDE D'ECHANGE DE DONNEES CHIFFREES DANS UN RESEAU DE COMMUNICATION**
[72] RADKE, STEPHAN, DE
[71] LINXENS HOLDING, FR
[85] 2020-12-07
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[51] **Int.Cl. A61D 1/02 (2006.01) A61D 3/00 (2006.01) A61D 7/00 (2006.01)**
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[54] **SYSTEM AND METHOD FOR INJECTING POULTRY**
[54] **SYSTEME ET METHODE D'INJECTION POUR LA VOLAILLE**
[72] BOYER, WILLIAM, FR
[72] FONTENY, ERWAN, FR
[72] GONZALEZ, CARLOS, FR
[72] VEYRENT, STEPHANE, FR
[71] DESVAC, FR
[85] 2020-12-07
[86] 2019-06-14 (PCT/IB2019/000788)
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[51] **Int.Cl. A61K 31/4545 (2006.01) A61P 25/06 (2006.01)**
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[54] **TREATMENT OF MIGRAINE**
[54] **TRAITEMENT DE LA MIGRAINE**
[72] TRUGMAN, JOEL, US
[72] FINNEGAN, MICHELLE, US
[71] ALLERGAN PHARMACEUTICALS INTERNATIONAL LIMITED, IE
[85] 2020-12-07
[86] 2019-06-07 (PCT/IB2019/054780)
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[30] US (62/682,345) 2018-06-08

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[54] **METHODS OF DETECTING INHERITED MYOPATHIES IN HORSES**
[54] **PROCEDES DE DETECTION DE MYOPATHIES HEREDITAIRES CHEZ LES CHEVAUX**
[72] EDWARDS, JEREMY SCOTT, US
[72] SZAUTER, PAUL, US
[72] SINCLAIR, ROBERT B., US
[72] DIMMLER, KIRSTEN, US
[71] UNM RAINFOREST INNOVATIONS, US
[85] 2020-12-07
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[54] **TRAITEMENT DE LA MIGRAINE**
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[72] FINNEGAN, MICHELLE, US
[71] ALLERGAN PHARMACEUTICALS INTERNATIONAL LIMITED, IE
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[51] **Int.Cl. A41F 9/00 (2006.01)**
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[54] **WAISTBAND CONSTRUCTION**
[54] **FABRICATION DE CEINTURE**
[72] HINEY, JOSHUA DAVID, US
[71] THE GAP, INC., US
[85] 2020-12-07
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[25] EN
[54] **LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE**
[72] CHOMMELOUX, CLAIRE, US
[72] BOFFA, ALEXANDER, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2020-12-07
[86] 2019-06-18 (PCT/IB2019/055076)
[87] (WO2019/244018)
[30] US (62/688,574) 2018-06-22

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[51] **Int.Cl. C10M 133/44 (2006.01) C10M 141/08 (2006.01)**
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[54] **VAPOR PHASE CORROSION INHIBITION**
[54] **INHIBITION DE LA CORROSION EN PHASE VAPEUR**
[72] MCGUINESS, MARK J., US
[72] EVANS, SIMON D., GB
[72] MIATT, PETER, GB
[72] GAHAGAN, MICHAEL P., GB
[72] HUNT, GREGORY, GB
[72] GUO, BINBIN, US
[71] THE LUBRIZOL CORPORATION, US
[85] 2020-12-07
[86] 2019-06-03 (PCT/US2019/035114)
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[51] **Int.Cl. B41F 11/02 (2006.01) B41F 19/00 (2006.01)**
[25] EN
[54] **DEVICES FOR ALIGNING MAGNETIC OR MAGNETIZABLE PARTICLES, MACHINE, AND METHOD FOR PRODUCING OPTICALLY VARIABLE IMAGE ELEMENTS**
[54] **DISPOSITIFS D'ORIENTATION DE PARTICULES MAGNETIQUES OU MAGNETISABLES, MACHINE ET PROCEDE DE PRODUCTION D'ELEMENTS D'IMAGE OPTIQUEMENT VARIABLES**
[72] JANTSCH, ANDREAS, DE
[72] KREPS, EDWIN, DE
[72] SCHELLER, MICHAEL, DE
[71] KOENIG & BAUER AG, DE
[85] 2020-11-18
[86] 2019-05-17 (PCT/EP2019/062812)
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[25] EN
[54] **DIRECTORY ASSISTED ROUTING OF CONTENT IN AN INFORMATION CENTRIC NETWORK**
[54] **ROUTAGE ASSISTE PAR REPERTOIRE DE CONTENUS DANS UN RESEAU CENTRE SUR L'INFORMATION**
[72] JOHN, NITISH, US
[71] GRAMBOO INC., US
[85] 2020-12-07
[86] 2019-06-05 (PCT/US2019/035646)
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[51] **Int.Cl. A61B 5/145 (2006.01)**
[25] EN
[54] **FOCUSED STERILIZATION AND STERILIZED SUB-ASSEMBLIES FOR ANALYTE MONITORING SYSTEMS**
[54] **STERILISATION FOCALISEE ET SOUS-ENSEMBLES STERILISES POUR SYSTEMES DE SURVEILLANCE D'ANALYTES**
[72] THOMAS, CHRISTOPHER A., US
[72] PACE, LOUIS, US
[72] PATEL, DHARMENDRA, US
[72] DIPALMA, VINCENT M., US
[72] RAO, VIVEK S., US
[72] MITCHELL, STEVEN T., US
[72] LAMBERT, BYRON J., US
[72] ROBINSON, PETER G., US
[72] VOIT, PETER M., US
[72] PUDJIJANTO, STEPHEN T., US
[72] SIMMONS, MATTHEW, US
[72] WU, HSUEHCHIEH, US
[72] LE, VU H., US
[72] MANION, JOHNATHAN D., US
[72] HARRIS, CHRISTOPHER M., US
[72] NGUYEN, TUAN, US
[72] PHILLIP, CARTER W., US
[72] MCCANLESS, JONATHAN D., US
[71] ABBOTT DIABETES CARE INC., US
[85] 2020-12-07
[86] 2019-06-06 (PCT/US2019/035797)
[87] (WO2019/236850)
[30] US (62/681,906) 2018-06-07
[30] US (62/681,908) 2018-06-07
[30] US (62/681,914) 2018-06-07
[30] US (62/776,536) 2018-12-07
[30] US (62/784,074) 2018-12-21
[30] US (62/788,475) 2019-01-04
[30] US (62/798,703) 2019-01-30
[30] US (62/798,700) 2019-01-30
[30] US (62/829,100) 2019-04-04
[30] US (62/836,198) 2019-04-19
[30] US (62/836,193) 2019-04-19
[30] US (62/836,203) 2019-04-19
[30] US (62/847,572) 2019-05-14
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[25] EN
[54] **FOCUSED STERILIZATION AND STERILIZED SUB-ASSEMBLIES FOR ANALYTE MONITORING SYSTEMS**
[54] **STERILISATION FOCALISEE ET SOUS-ENSEMBLES STERILISES POUR SYSTEMES DE SURVEILLANCE D'ANALYTES**
[72] THOMAS, CHRISTOPHER A., US
[72] PACE, LOUIS, US
[72] PATEL, DHARMENDRA, US
[72] DIPALMA, VINCENT M., US
[72] RAO, VIVEK S., US
[72] MITCHELL, STEVEN T., US
[72] LAMBERT, BYRON J., US
[72] ROBINSON, PETER G., US
[72] VOIT, PETER M., US
[72] PUDJIJANTO, STEPHEN T., US
[72] SIMMONS, MATTHEW, US
[72] WU, HSUEHCHIEH, US
[72] LE, VU H., US
[72] MANION, JOHNATHAN D., US
[72] HARRIS, CHRISTOPHER M., US
[72] NGUYEN, TUAN, US
[72] PHILLIP, CARTER W., US
[72] MCCANLESS, JONATHAN D., US
[71] ABBOTT DIABETES CARE INC., US
[85] 2020-12-07
[86] 2019-06-06 (PCT/US2019/035810)
[87] (WO2019/236859)
[30] US (62/681,906) 2018-06-07
[30] US (62/681,914) 2018-06-07
[30] US (62/776,536) 2018-12-07
[30] US (62/784,074) 2018-12-21
[30] US (62/788,475) 2019-01-04
[30] US (62/798,703) 2019-01-30
[30] US (62/829,100) 2019-04-04
[30] US (62/836,203) 2019-04-19
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[30] US (62/847,572) 2019-05-14
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[51] **Int.Cl. A61K 31/4985 (2006.01) A61K 31/185 (2006.01) A61P 25/00 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **NOVEL METHODS**
[54] **NOUVELLES METHODES**
[72] SNYDER, GRETCHEN, US
[72] DAVIS, ROBERT, US
[72] WENNOGLE, LAWRENCE P., US
[71] INTRA-CELLULAR THERAPIES, INC., US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036114)
[87] (WO2019/237037)
[30] US (62/682,554) 2018-06-08
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[51] **Int.Cl. A61B 5/145 (2006.01)**
[25] EN
[54] **FOCUSED STERILIZATION AND STERILIZED SUB-ASSEMBLIES FOR ANALYTE MONITORING SYSTEMS**
[54] **STERILISATION FOCALISEE ET SOUS-ENSEMBLES STERILISES POUR SYSTEMES DE SURVEILLANCE D'ANALYTES**
[72] THOMAS, CHRISTOPHER A., US
[72] PACE, LOUIS, US
[72] PATEL, DHARMENDRA, US
[72] DIPALMA, VINCENT M., US
[72] RAO, VIVEK S., US
[72] MITCHELL, STEVEN T., US
[72] LAMBERT, BYRON J., US
[72] ROBINSON, PETER G., US
[72] VOIT, PETER M., US
[72] PUDJIJANTO, STEPHEN T., US
[72] SIMMONS, MATTHEW, US
[72] WU, HSUEHCHIEH, US
[72] LE, VU H., US
[72] MANION, JOHNATHAN D., US
[72] HARRIS, CHRISTOPHER M., US
[72] NGUYEN, TUAN, US
[72] PHILLIP, CARTER W., US
[72] MCCANLESS, JONATHAN D., US
[71] ABBOTT DIABETES CARE INC., US
[85] 2020-12-07
[86] 2019-06-06 (PCT/US2019/035829)
[87] (WO2019/236876)
[30] US (62/681,906) 2018-06-07
[30] US (62/681,914) 2018-06-07
[30] US (62/776,536) 2018-12-07
[30] US (62/784,074) 2018-12-21
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[30] US (62/829,100) 2019-04-04
[30] US (62/836,203) 2019-04-19
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[30] US (62/847,572) 2019-05-14
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[51] **Int.Cl. C12N 15/113 (2010.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MODIFIED GUIDE RNAS FOR GENE EDITING**
[54] **ARN GUIDES MODIFIES POUR EDITION DE GENES**
[72] SMITH, AMY MADISON RHODEN, US
[72] ALEXANDER, SETH, US
[72] BROWN, DUNCAN, US
[72] BROWN, ROBERT, US
[72] LANBA, ADHIRAJ, US
[72] LESCARBEAU, REBECCA, US
[72] LESCARBEAU, REYNALD MICHAEL, US
[72] PARMAR, RUBINA, US
[72] ROY, MATTHEW, US
[72] SALERNO, PAIGE, US
[72] SEITZER, JESSICA LYNN, US
[71] INTELLIA THERAPEUTICS, INC., US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036160)
[87] (WO2019/237069)
[30] US (62/682,820) 2018-06-08
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[51] **Int.Cl. C08G 18/67 (2006.01) B05D 7/00 (2006.01) C08G 18/08 (2006.01) C08G 18/75 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **MULTI-LAYER COATINGS AND METHODS OF PREPARING THE SAME**
[54] **REVETEMENTS MULTICOUCHES ET PROCEDES DE PREPARATION CORRESPONDANTS**
[72] WANG, WEI, US
[72] FENN, DAVID R., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2020-12-07
[86] 2019-06-11 (PCT/US2019/036482)
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[30] US (62/683,302) 2018-06-11

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[51] **Int.Cl. A45D 33/28 (2006.01) A45D 34/06 (2006.01) A45D 40/22 (2006.01) A45D 40/24 (2006.01)**
[25] EN
[54] **MULTI-CONTAINER COSMETIC ACCESSORY**
[54] **ACCESSOIRE POUR COSMETIQUES A PLUSIEURS CONTENANTS**
[72] MARTINS, AGOSTINHO, US
[72] ROH, YEON JUNG, US
[72] QUE, CHUZHEN, CN
[72] CHEN, YUN, CN
[72] JIN, JING, CN
[71] ELC MANAGEMENT LLC, US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036166)
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[30] US (62/682,581) 2018-06-08

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[51] **Int.Cl. H02J 7/00 (2006.01) G06F 1/00 (2006.01) G06F 1/16 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **STATIC STRUCTURE HAVING A PLURALITY OF DETACHABLE MOBILE COMPONENTS**
[54] **STRUCTURE STATIQUE AYANT UNE PLURALITE DE COMPOSANTS MOBILES DETACHABLES**
[72] NEY, PATRICK, US
[72] SHAHEEN, STEPHEN, US
[71] NEY, PATRICK, US
[71] SHAHEEN, STEPHEN, US
[85] 2020-12-07
[86] 2019-06-06 (PCT/US2019/035887)
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[25] EN
[54] **MULTISTRAIN POPULATION CONTROL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REGULATION DE POPULATIONS MULTI-SOUCHES**
[72] HASTY, JEFF, US
[72] LIAO, MICHAEL JULIUS, US
[72] DIN, MUHAMMAD OMAR, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036179)
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[30] US (62/682,755) 2018-06-08

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[51] **Int.Cl. C09D 167/02 (2006.01) C08L 61/28 (2006.01) C08L 67/02 (2006.01) C08L 75/04 (2006.01) C09D 161/28 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS CURABLE AT LOW TEMPERATURES AND COATINGS FORMED THEREFROM**
[54] **COMPOSITIONS DE REVETEMENT DURCISSABLES A BASSES TEMPERATURES ET REVETEMENTS FORMES A PARTIR DE CES DERNIERES**
[72] WANG, WEI, US
[72] FENN, DAVID R., US
[72] LAMERS, PAUL H., US
[72] FALER, DENNIS L., US
[72] HARTZ, JENNIFER C., US
[72] HUMBERT, LEIGH ANN, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2020-12-07
[86] 2019-06-11 (PCT/US2019/036529)
[87] (WO2019/241234)
[30] US (62/683,311) 2018-06-11

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[51] **Int.Cl. G02F 1/153 (2006.01) E06B 3/67 (2006.01) G05B 19/00 (2006.01) H05K 9/00 (2006.01)**
[25] EN
[54] **OPTICALLY SWITCHABLE WINDOWS FOR SELECTIVELY IMPEDING PROPAGATION OF LIGHT FROM AN ARTIFICIAL SOURCE**
[54] **FENETRES OPTIQUEMENT COMMUTABLES POUR EMPECHER SELECTIVEMENT LA PROPAGATION DE LUMIERE A PARTIR D'UNE SOURCE ARTIFICIELLE**
[72] TRIKHA, NITESH, US
[72] ROZBICKI, ROBERT T., US
[72] MATHEW, JOHN GORDON HALBERT, US
[72] GORMLY, NIGEL, US
[71] VIEW, INC., US
[85] 2020-12-07
[86] 2019-06-11 (PCT/US2019/036571)
[87] (WO2019/241264)
[30] US (62/683,572) 2018-06-11
[30] US (62/827,674) 2019-04-01

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **THREE-DIMENSIONAL MICROFLUIDICS DEVICES FOR THE DELIVERY OF ACTIVES**
[54] **DISPOSITIFS MICROFLUIDIQUES TRIDIMENSIONNELS POUR L'ADMINISTRATION DE PRINCIPES ACTIFS**
[72] ALARY, MARC, US
[72] HOPSON, PEYTON, US
[72] LIU, JAN-JOO, US
[72] PATEL, BHARAT, US
[72] DAVE, VIPUL, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2020-12-07
[86] 2019-06-28 (PCT/IB2019/055530)
[87] (WO2020/003247)
[30] US (62/691,699) 2018-06-29

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[51] **Int.Cl. G06F 16/176 (2019.01) G06F 16/14 (2019.01) G06F 16/22 (2019.01) G06F 16/93 (2019.01)**
[25] EN
[54] **TECHNOLOGIES FOR FILE SHARING**
[54] **TECHNOLOGIES DE PARTAGE DE FICHIERS**
[72] ROCHE, GABINO M., JR., US
[71] SAPHYRE, INC., US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036033)
[87] (WO2019/236986)
[30] US (16/501,110) 2018-06-08
[30] US (16/211,100) 2018-12-05

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[13] A1
[51] **Int.Cl. B23B 29/02 (2006.01) B33Y 80/00 (2015.01) F16F 7/116 (2006.01)**
[25] EN
[54] **TOOL HOLDER HAVING INTEGRALLY FORMED ANTI-VIBRATION COMPONENT AND CUTTING TOOL PROVIDED WITH TOOL HOLDER**
[54] **PORTE-OUTIL AYANT UN COMPOSANT ANTI-VIBRATION FORME D'UN SEUL TENANT ET OUTIL DE COUPE POURVU D'UN PORTE-OUTIL**
[72] SAFFOURI, JONY, IL
[71] ISCAR LTD., IL
[85] 2020-12-07
[86] 2019-05-14 (PCT/IL2019/050543)
[87] (WO2019/239397)
[30] US (16/006,306) 2018-06-12

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[51] **Int.Cl. G01N 21/27 (2006.01) G01N 21/64 (2006.01) G01N 33/533 (2006.01)**
[25] EN
[54] **CALIBRATION OF MULTISPECTRAL ANALYSIS SYSTEMS**
[54] **ETALONNAGE DE SYSTEMES D'ANALYSE MULTISPECTRALE**
[72] WU, RONGCONG, US
[72] SCHOENER, DANIEL, US
[71] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2020-12-07
[86] 2019-06-10 (PCT/US2019/036290)
[87] (WO2019/237102)
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[54] **SYSTEM AND METHOD FOR MONITORING PROCESS WATER TREATED WITH A BIOCIDE USING AN OXYGEN SENSOR**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'EAU DE TRAITEMENT TRAITEE AVEC UN BIOCIDE A L'AIDE D'UN CAPTEUR D'OXYGENE**
[72] BARAK, AYALA, IL
[71] A.Y. LABORATORIES LTD., IL
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[54] **COMPOSITION AND METHOD FOR INHALATION**
[54] **COMPOSITION ET PROCEDE D'INHALATION**
[72] GUARNERI, JOSEPH J., US
[72] AMIN, NIKHIL, US
[72] GRANT, MARSHALL L., US
[72] FREEMAN, JOHN J., US
[72] KRAFT, KELLY S., US
[71] MANNKIND CORPORATION, US
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[25] EN
[54] **ENGINEERED TYROSINE AMMONIA LYASE**
[54] **TYROSINE AMMONIA-LYASE MODIFIEE**
[72] HUISMAN, GJALT W., US
[72] LIU, JOYCE, US
[72] DELLAS, NIKKI, US
[72] CHNG, CHINPING, US
[72] HALLOWS, WILLIAM CASEY, US
[71] CODEXIS, INC., US
[85] 2020-12-07
[86] 2019-06-10 (PCT/US2019/036347)
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[51] **Int.Cl. H02G 3/04 (2006.01) G02B 6/44 (2006.01) H02G 9/06 (2006.01)**
[25] EN
[54] **METHOD OF MAKING AN INNERDUCT FOR A CONDUIT**
[54] **PROCEDE DE FABRICATION D'UN CONDUIT INTERNE POUR UN CONDUIT**
[72] ALLEN, JERRY L., US
[71] WESCO EQUITY CORPORATION, US
[85] 2020-12-07
[86] 2019-06-11 (PCT/US2019/036450)
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[25] EN
[54] **ASYMMETRIC PROPULSION SYSTEM WITH HEAT RECOVERY**
[54] **SYSTEME PROPULSIF ASYMETRIQUE A RECUPERATION DE CHALEUR**
[72] MOUTAUX, ANTOINE PASCAL, FR
[72] LAFARGUE, OLIVIER, FR
[72] KLONOWSKI, THOMAS, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2020-12-07
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[51] **Int.Cl. C07D 207/34 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 451/06 (2006.01) C07D 513/04 (2006.01) C07D 513/14 (2006.01)**
[25] EN
[54] **HEPATITIS B CAPSID ASSEMBLY MODULATORS**
[54] **MODULATEURS D'ASSEMBLAGE DE CAPSIDE DE L'HEPATITE B**
[72] BURNS, CHRISTOPHER J., US
[72] COBURN, GLEN, US
[72] LIU, BIN, US
[72] YAO, JIANGCHAO, US
[72] BENETATOS, CHRISTOPHER, US
[72] BOYD, STEVEN A., US
[72] CONDON, STEPHEN M., US
[72] HAIMOWITZ, THOMAS, US
[71] VENATORX PHARMACEUTICALS, INC., US
[85] 2020-12-07
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[25] EN
[54] **METHOD OF ENHANCING GLUCOSE LEVELS IN THE CENTRAL NERVOUS SYSTEM**
[54] **PROCEDE D'AMELIORATION DES TAUX DE GLUCOSE DANS LE SYSTEME NERVEUX CENTRAL**
[72] COX, PAUL ALAN, US
[72] BANACK, SANDRA ANNE, US
[71] THE INSTITUTE FOR ETHNOMEDICINE, US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036115)
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[25] EN
[54] **METHODS OF REGENERATING AND TRANSFORMING CANNABIS**
[54] **PROCEDES DE REGENERATION ET DE TRANSFORMATION DE CANNABIS**
[72] FLAISHMAN, MOSHE ARIE, IL
[72] COHEN PEER, REUT, IL
[72] COHEN, ODED, IL
[72] BOCOBZA, SAMUEL, IL
[71] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI CENTER), IL
[85] 2020-12-07
[86] 2019-06-06 (PCT/IL2019/050653)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTING OR TREATING TISSUE CALCIFICATION**
[54] **METHODES ET COMPOSITIONS DESTINES A LA PREVENTION OU AU TRAITEMENT DE LA CALCIFICATION DES TISSUS**
[72] TUMLIN, JAMES A., US
[72] DARKE, PAUL L., US
[72] RUDEY, JOHN M., US
[71] EPIZON PHARMA, INC., US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036138)
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[51] **Int.Cl. C12N 15/82 (2006.01)**
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[54] **NUCLEIC ACID CONSTRUCTS AND METHODS OF USING SAME**
[54] **CONSTRUCTIONS D'ACIDE NUCLEIQUE ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] FLAISHMAN, MOSHE ARIE, IL
[72] COHEN PEER, REUT, IL
[72] COHEN, ODED, IL
[72] BOCOBZA, SAMUEL, IL
[71] THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI CENTER), IL
[85] 2020-12-07
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTING OR TREATING CALCIPHYLAXIS**
[54] **METHODES ET COMPOSITIONS POUR LA PREVENTION OU LE TRAITEMENT DE LA CALCIPHYLAXIE**
[72] TUMLIN, JAMES A., US
[72] DARKE, PAUL L., US
[72] RUDEY, JOHN M., US
[71] EPIZON PHARMA, INC., US
[85] 2020-12-07
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[25] EN
[54] **TRANSPORTATION EQUIPMENT BRANCH CONVERGENCE DEVICE**
[54] **DISPOSITIF DE CONVERGENCE DE BRANCHE D'EQUIPEMENT DE TRANSPORT**
[72] FUJIO, YOSHIHIKO, JP
[71] DAIFUKU CO., LTD., JP
[85] 2020-12-07
[86] 2019-04-05 (PCT/JP2019/015155)
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[54] **PATIENT SUPPORT APPARATUS WITH CAREGIVER REMINDERS**
[54]
[72] NAHAVANDI, KUROSH, US
[72] NIBAKUZE, PLACIDE, US
[72] BUICK, DAVID, US
[71] STRYKER CORPORATION, US
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[86] 2020-06-18 (PCT/US2020/038462)
[87] (3102981)
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[25] EN
[54] **CARTRIDGE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE CARTOUCHE**
[72] RYCZEK, CHAD L., US
[71] TYCO FIRE PRODUCTS LP, US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/036141)
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[25] EN
[54] **MULTI-SOURCE-TYPE INTEROPERABILITY AND/OR INFORMATION RETRIEVAL OPTIMIZATION**
[54] **OPTIMISATION DE RECUPERATION D'INFORMATIONS ET/OU D'INTEROPERABILITE DE TYPE MULTI-SOURCE**
[72] SIRIN, EVREN, US
[72] GROVE, MICHAEL HOWARD, US
[72] CLARK, KENDALL GRANT, US
[72] BALINT, JESS M., US
[72] DE OLIVEIRA, PEDRO CARVALHO, PT
[72] KLINOV, PAVEL, DE
[71] STARDOG UNION, US
[85] 2020-12-07
[86] 2019-06-11 (PCT/US2019/036612)
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[30] US (16/007,639) 2018-06-13
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[51] **Int.Cl. C07C 219/16 (2006.01) A61K 9/127 (2006.01) A61K 9/14 (2006.01) A61K 9/51 (2006.01) A61K 31/7088 (2006.01) A61K 47/10 (2017.01) A61K 47/14 (2017.01) A61K 47/18 (2017.01) A61K 47/22 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) C07C 271/12 (2006.01) C07C 271/16 (2006.01) C07C 271/22 (2006.01) C07D 211/42 (2006.01) C07D 211/46 (2006.01) C07D 295/13 (2006.01)**
[25] EN
[54] **COMPOUND OR SALT THEREOF AND LIPID PARTICLES**
[54] **COMPOSE, SEL DE CELUI-CI ET PARTICULES LIPIDIQUES**
[72] TANABE, SHINTARO, JP
[72] YAMAMOTO, MASAHIKO, JP
[72] SATO, KIMIHIKO, JP
[72] TAKAHASHI, MOTOMASA, JP
[72] TSUNA, KAZUHIRO, JP
[72] TASAKI, YASUTAKA, JP
[72] ENDO, TAISUKE, JP
[72] DOI, ISSEI, JP
[72] FUKUNAGA, HIROFUMI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2020-12-07
[86] 2019-06-07 (PCT/JP2019/022833)
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[51] **Int.Cl. C08L 77/02 (2006.01) B29C 48/32 (2019.01) B29C 48/92 (2019.01) C08K 3/16 (2006.01) C08L 23/26 (2006.01) F17C 1/16 (2006.01)**
[25] EN
[54] **POLYAMIDE RESIN COMPOSITION FOR EXTRUSION MOLDED PRODUCTS EXPOSED TO HIGH-PRESSURE HYDROGEN, AND EXTRUSION MOLDED PRODUCT**
[54] **COMPOSITION DE RESINE DE POLYAMIDE POUR PRODUITS MOULES PAR EXTRUSION EXPOSES A DE L'HYDROGENE A HAUTE PRESSION, ET PRODUIT MOULE PAR EXTRUSION**
[72] OCHIAI, SHINICHIRO, JP
[72] SUZUKI, SHOTA, JP
[72] KOBAYASHI, SADAYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-12-07
[86] 2019-07-29 (PCT/JP2019/029609)
[87] (WO2020/027032)
[30] JP (2018-143658) 2018-07-31

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[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2018.01) A01N 57/16 (2006.01) A01P 7/04 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **POLYNUCLEOTIDE AND METHOD USED FOR CONTROLLING INSECT INVASION**
[54] **POLYNUCLEOTIDE ET PROCEDE UTILISES POUR LUTTER CONTRE L'INVASION D'INSECTES**
[72] ZHANG, AIHONG, CN
[72] DING, DERONG, CN
[72] TAO, QING, CN
[72] LI, XIAOJIAO, CN
[71] BEIJING DABEINONG BIOTECHNOLOGY CO., LTD., CN
[85] 2020-11-26
[86] 2019-05-29 (PCT/CN2019/088924)
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[30] CN (201810618040.0) 2018-06-15

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[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2018.01) A01N 57/16 (2006.01) A01P 7/04 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **POLYNUCLEOTIDE AND METHOD FOR CONTROLLING INSECT INFESTATION**
[54] **POLYNUCLEOTIDE ET PROCEDE POUR LUTTER CONTRE UNE INFESTATION PAR DES INSECTES**
[72] ZHANG, AIHONG, CN
[72] DING, DERONG, CN
[72] TAO, QING, CN
[72] LI, XIAOJIAO, CN
[71] BEIJING DABEINONG BIOTECHNOLOGY CO., LTD., CN
[85] 2020-11-26
[86] 2019-05-29 (PCT/CN2019/088925)
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[30] CN (201810618043.4) 2018-06-15

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[13] A1
[51] **Int.Cl. C08F 4/659 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **BIMODAL ETHYLENE-BASED POLYMERS HAVING HIGH MOLECULAR WEIGHT HIGH DENSITY FRACTIONS**
[54] **POLYMERES BIMODAUX A BASE D'ETHYLENE AYANT DES FRACTIONS DE HAUTE DENSITE DE HAUT POIDS MOLECULAIRE**
[72] HART, KYLE E., US
[72] DEMIRORS, MEHMET, US
[72] GAMBREL, TIMOTHY W., US
[72] FONTAINE, PHILIP P., US
[72] JAIN, PRADEEP, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2020-12-07
[86] 2019-06-13 (PCT/US2019/036903)
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[51] **Int.Cl. F03H 1/00 (2006.01)**
[25] EN
[54] **FIBER-FED ADVANCED PULSED PLASMA THRUSTER (FPPT)**
[54] **PROPULSEUR A PLASMA PULSE PERFECTIONNE A ALIMENTATION PAR FIBRES (FPPT)**
[72] WOODRUFF, CURTIS, US
[72] KING, DARREN, US
[72] BURTON, RODNEY, US
[72] CARROLL, DAVID L., US
[71] CU AEROSPACE, LLC, US
[85] 2020-12-07
[86] 2019-06-13 (PCT/US2019/036927)
[87] (WO2019/241489)
[30] US (62/684,275) 2018-06-13
[30] US (16/436,149) 2019-06-10
[30] US (16/439,755) 2019-06-13

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[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) C08F 2/00 (2006.01) C08F 210/14 (2006.01)**
[25] EN
[54] **CAST FILMS COMPRISING BIMODAL ETHYLENE-BASED POLYMERS HAVING HIGH MOLECULAR WEIGHT HIGH DENSITY FRACTIONS**
[54] **FILMS COULES COMPRENANT DES POLYMERES A BASE D'ETHYLENE BIMODAL PRESENTANT DES FRACTIONS DE HAUTE DENSITE DE POIDS MOLECULAIRE ELEVE**
[72] HART, KYLE E., US
[72] DEMIRORS, MEHMET, US
[72] GAMBREL, TIMOTHY W., US
[72] FONTAINE, PHILIP P., US
[72] KALIHARI, VIVEK, US
[72] MUNJ, HRISHIKESH R., US
[72] HOBSON, JON W., US
[72] PATEL, RAJEN M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2020-12-07
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[30] US (62/685,567) 2018-06-15

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[51] **Int.Cl. C23C 14/32 (2006.01) C23C 14/34 (2006.01) C23C 14/35 (2006.01)**
[25] EN
[54] **SINGLE BEAM PLASMA SOURCE**
[54] **SOURCE DE PLASMA A FAISCEAU UNIQUE**
[72] FAN, QI HUA, US
[72] SCHUELKE, THOMAS, US
[72] HAUBOLD, LARS, US
[72] PETZOLD, MICHAEL, US
[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
[71] FRAUNHOFER USA INC., US
[85] 2020-12-07
[86] 2019-06-19 (PCT/US2019/038034)
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[30] US (62/687,357) 2018-06-20

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/282 (2006.01) A61K 31/495 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **METHODS OF TREATING LUNG CANCER WITH A PD-1 AXIS BINDING ANTAGONIST, A PLATINUM AGENT, AND A TOPOISOMERASE II INHIBITOR**
[54] **METHODES DE TRAITEMENT DU CANCER DU POUMON A L'AIDE D'UN ANTAGONISTE DE LIAISON A L'AXE PD-1, D'UN AGENT DE PLATINE ET D'UN INHIBITEUR DE LA TOPOISOMERASE II**
[72] LOPEZ-CHAVEZ, ARIEL, US
[72] WATERKAMP, DANIEL ANTONIUS, CH
[71] GENENTECH, INC., US
[85] 2020-12-07
[86] 2019-06-21 (PCT/US2019/038534)
[87] (WO2019/246557)
[30] US (62/689,105) 2018-06-23
[30] US (62/719,461) 2018-08-17
[30] US (62/736,326) 2018-09-25

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[51] **Int.Cl. C22C 9/00 (2006.01) B23K 11/00 (2006.01) B23K 35/02 (2006.01) C22C 9/06 (2006.01) C23C 30/00 (2006.01)**
[25] EN
[54] **COPPER-BASED HARDFACING ALLOY**
[54] **ALLIAGE DE RECHARGEMENT A BASE DE CUIVRE**
[72] BRACCI, JONATHON, US
[72] EIBL, CAMERON, US
[72] CHENEY, JUSTIN LEE, US
[72] ZIKIN, ARKADI, US
[72] SPATZIER, JORG, US
[71] OERLIKON METCO (US) INC., US
[85] 2020-12-07
[86] 2019-06-27 (PCT/US2019/039463)
[87] (WO2020/006205)
[30] US (62/692,576) 2018-06-29

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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 6/00 (2018.01) A01H 5/04 (2018.01)**
[25] EN
[54] **NOVEL MUTANT PLANT CINNAMOYL-COA REDUCTASE PROTEINS**
[54] **NOUVELLES PROTEINES MUTANTES DE CINNAMOYL-COA REDUCTASE DE PLANTE**
[72] BOERJAN, WOUT, BE
[72] DE MEESTER, BARBARA, BE
[72] VANHOLME, RUBEN, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2020-12-04
[86] 2019-06-06 (PCT/EP2019/064764)
[87] (WO2019/234141)
[30] GB (1809273.4) 2018-06-06

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[13] A1
[51] **Int.Cl. A61K 38/50 (2006.01) C12N 9/78 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR MODULATING DDAH AND ADMA LEVELS, AS WELL AS METHODS OF USING THEREOF TO TREAT DISEASE**
[54] **COMPOSES DESTINES A MODULER LES NIVEAUX DE DDAH ET D'ADMA, AINSI QUE LEURS METHODES D'UTILISATION POUR TRAITER UNE MALADIE**
[72] SINGH, JAIPAL, US
[72] FOWLER, KERRY W., US
[71] THE TRUSTEES OF INDIANA UNIVERSITY, US
[85] 2020-09-23
[86] 2019-04-30 (PCT/US2019/030020)
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[51] **Int.Cl. E02F 3/36 (2006.01)**
[25] EN
[54] **HYDRAULIC COUPLING**
[54] **RACCORD HYDRAULIQUE**
[72] AGNEW, DENNIS, US
[72] DURKIN, BRENT C., US
[72] LOEBS, CAREN A., US
[72] KRIEGER, DANIEL J. K., US
[71] CLARK EQUIPMENT COMPANY, US
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE, D'ALERTE ET DE PREDICTION DE COMPORTEMENT PRECURSEUR**
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[54] **STORAGE AND ORDER-PICKING SYSTEM AND METHOD FOR PICKING ORDERED ARTICLES FROM A SUSPENSION POCKET AND ANOTHER LOAD CARRIER**
[54] **SYSTEME D'EMMAGASINAGE ET DE PREPARATION DE COMMANDES ET PROCEDE DE PREPARATION DE COMMANDES D'ARTICLES COMMANDES PROVENANT D'UN SAC SUSPENDU ET D'UN AUTRE MOYEN DE CHARGEMENT**
[72] LINDLEY, TIMOTHY, DE
[72] KETTLGRUBER, GERALD, AT
[72] AHAMMER, CHRISTIAN, AT
[72] SCHROPF, HARALD JOHANNES, AT
[71] TGW LOGISTICS GROUP GMBH, AT
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[54] **CONTROLEUR D'INTERFACE MULTI-PROCESSUS**
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[71] WGAMES INCORPORATED, CA
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[54] **DETECTION DE PERTURBATION POUR DES LIAISONS DE TRANSPORT**
[72] SJODIN, MARTIN, SE
[72] HANSRYD, JONAS, SE
[72] HAKANSSON, STEFAN, SE
[72] OLESEN, PATRIK, SE
[72] MUSTAFA, MOHAMED, SE
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[54] **VENTING SYSTEM FOR BEARING SUMP**
[54] **DISPOSITIF DE DEGAZAGE DE CARTER DE PALIER**
[72] MEI, LUCIANO, IT
[72] CARATELLI, FRANCESCO, IT
[72] RUSSO, ALESSANDRO, IT
[72] MARIOTTI, MASSIMILIANO, IT
[72] CECCHERINI, ALBERTO, IT
[71] NUOVO PIGNONE TECNOLOGIE - S.R.L., IT
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[54] **SYSTEM AND METHOD FOR UTILIZING TRANSIT DATA TO DETERMINE WHERE A TRANSIT TRAVELER'S ORDER IS PLACED IN AN ORDER QUEUE**
[54] **SYSTEME ET PROCEDE D'UTILISATION DE DONNEES DE TRANSIT POUR DETERMINER LE PLACEMENT D'UNE COMMANDE D'UN VOYAGEUR EN TRANSIT DANS UNE FILE D'ATTENTE DE COMMANDES**
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[71] MYLONAS, GEORGE, CA
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[54] **COMBINAISON DE FACTEUR VII ET D'UN ANTICORPS BISPECIFIQUE ANTI-FACTEURS IX ET X**
[72] PLANTIER, JEAN-LUC, FR
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
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[54] **ADD-ON SYSTEM ARRANGEMENT FOR A VEHICLE**
[54] **DISPOSITIF DE SYSTEME AUXILIAIRE POUR UN VEHICULE**
[72] BAUMEIER, ANDREAS, DE
[71] RHEINMETALL LANDSYSTEME GMBH, DE
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[54] **APPARATUS AND PROCESS FOR PRODUCTION OF A DEACIDIFIED FLUID STREAM**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE UN COURANT DE FLUIDE DESACIDIFIE**
[72] SIEDER, GEORG, DE
[72] FERNANDEZ-RODILES, RAQUEL, US
[72] INGRAM, THOMAS, DE
[71] BASF SE, DE
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[54] **METHODS AND TOOLS FOR PLANT PATHOGEN ASSESSMENT**
[54] **PROCEDES ET OUTILS D'EVALUATION D'AGENTS PATHOGENES VEGETAUX**
[72] ARSENAULT-LABRECQUE, GENEVIEVE, CA
[72] DUSSAULT-BENOIT, CHLOE, CA
[72] BELANGER, RICHARD R., CA
[72] SONAH, HUMIRA, CA
[72] BELZILE, FRANCOIS, CA
[71] UNIVERSITE LAVAL, CA
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[54] **NOUVEL APPAREIL DE CIMENTATION A ULTRA-HAUTE PUISSANCE INTEGRE A UNE COMMANDE A DISTANCE**
[72] WANG, YANFENG, CN
[72] LI, ENJIE, CN
[72] LIU, REN, CN
[72] LI, XINCHENG, CN
[72] LIU, SHITANG, CN
[72] LIU, XINGTAO, CN
[72] LIANG, BAOYUAN, CN
[72] ZHANG, PENGYUAN, CN
[72] LI, MINGSHENG, CN
[72] WU, ZHANGYE, CN
[71] YANTAI JEREH PETROLEUM EQUIPMENT & TECHNOLOGIES CO., LTD., CN
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[54] **APPAREIL D'ELIMINATION DE GRAINS PAR TOURBILLON AVEC GENERATEUR DE FOUCAULT**
[72] PAULEAT, AURELIEN, CA
[72] BELIVEAU, MARC, CA
[72] CASPAR, MARTIN, CA
[72] LEFRANCOIS, PHILIPPE, CA
[72] MOREAU, ADRIEN, US
[72] VINCENT, SIMON, CA
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[54] **DISPOSITIF POUR UN SYSTEME DE VENTILATION**
[72] STAMM, ARMIN, DE
[72] SCHWARTZ, ECKHARD, DE
[71] RHEINMETALL LANDSYSTEME GMBH, DE
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[54] **MEDICAMENT POUR INHIBER L'ADN-PKCS**
[72] LUO, YONGZHANG, CN
[72] JIA, LIN, CN
[72] CHANG, GUODONG, CN
[71] TSINGHUA UNIVERSITY, CN
[71] BEIJING PROTGEN LTD., CN
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[54] **STRAPPING-BAND CUTTER**
[54] **DISPOSITIF DE SEPARATION POUR DES BANDES DE CERCLAGE**
[72] CZAJA, MARTIN, DE
[72] NOLKE, CHRISTIAN, DE
[71] TITAN UMREIFUNGSTECHNIK GMBH & CO. KG, DE
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[25] EN
[54] **NOVEL AMINE FUNCTIONALIZED POLYMERS AND METHODS OF PREPARATION**
[54] **NOUVEAUX POLYMERES A FONCTIONNALISATION AMINE ET PROCEDES DE PREPARATION**
[72] SCHAFER, LAUREL L., CA
[72] HATZIKIRIAKOS, SAVVAS G., CA
[72] PERRY, MITCHELL R., CA
[72] GILMOUR, DAMON J., CA
[72] TOMKOVIC, TANJA, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **SYSTEM AND METHOD FOR PROCESSING AT LEAST ONE POLLUTING REGION OF A DIGITAL IMAGE OF AN OBJECT EXPOSED TO X-RAYS**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT D'AU MOINS UNE REGION POLLUANTE D'UNE IMAGE NUMERIQUE D'UN OBJET EXPOSE A DES RAYONS X**
[72] TARDY, MICKAEL, FR
[72] SCHEFFER, BRUNO, FR
[71] HERA-MI, FR
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[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING VIRTUAL OUTPUTS FOR A MULTI-ENERGY X-RAY IMAGING APPARATUS**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER DES SORTIES VIRTUELLES POUR UN APPAREIL D'IMAGERIE RADIOGRAPHIQUE MULTI-ENERGIE**
[72] KARIM, KARIM S., CA
[72] LOPEZ MAURINO, SEBASTIAN, CA
[72] GHANBARZADEH, SINA, CA
[71] KA IMAGING INC., CA
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[54] **FULLY HUMAN ANTIBODIES AGAINST OX40, METHOD FOR PREPARING SAME, AND USE THEREOF**
[54] **ANTICORPS ENTIEREMENT HUMAINS DIRIGES CONTRE OX40, PROCEDE DE PREPARATION CORRESPONDANT, ET UTILISATION ASSOCIEE**
[72] ZHENG, YONG, CN
[72] YANG, BAOTIAN, CN
[72] LI, JING, CN
[71] WUXI BIOLOGICS (SHANGHAI) CO. LTD., CN
[71] WUXI BIOLOGICS IRELAND LIMITED, IE
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[25] EN
[54] **METHOD AND APPARATUS FOR STRAPPING**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UN CERCLAGE**
[72] CUNHA, JOSE, DE
[72] NOLKE, CHRISTIAN, DE
[72] DAHLHAUS, RALF, DE
[71] TITAN UMREIFUNGSTECHNIK GMBH & CO. KG, DE
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[54] **DRY PREPARATION OF KAOLIN IN THE PRODUCTION OF HPA**
[54] **TRAITEMENT A SEC DE KAOLIN DANS LA PRODUCTION DE HPA**
[72] MUSTAFI, EMIR, DE
[72] GIER-ZUCKETTO, JOACHIM, DE
[72] SCHRIEWER, THORSTEN, DE
[72] STASTNY, RAFFAEL, AT
[71] SMS GROUP GMBH, DE
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[54] **COMPOSITION PHARMACEUTIQUE POUR DERMATOLOGIE ET SES UTILISATIONS**
[72] MARINAS PARDO, LUIS, ES
[72] HERMIDA PRIETO, MANUEL, ES
[71] MARINAS PARDO, LUIS, ES
[71] HERMIDA PRIETO, MANUEL, ES
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[25] EN
[54] **METHOD FOR GENERATING A GENE EDITING VECTOR WITH FIXED GUIDE RNA PAIRS**
[54] **PROCEDE DE GENERATION D'UN VECTEUR D'EDITION GENIQUE AVEC DES PAIRES FIXES D'ARN GUIDE**
[72] KAULICH, MANUEL, DE
[72] DIKIC, IVAN, DE
[72] WEGNER, MARTIN, DE
[72] MATTHESS, YVES, DE
[72] HUSNJAK, KORALJKA, DE
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN, DE
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[54] **BIO-HERBICIDE A BASE D'HUILE ESSENTIELLE**
[72] HAISSAM, JIJAKLI, BE
[72] SIMON, DAL MASO, BE
[72] OLIVIER, PARISI, BE
[71] UNIVERSITE DE LIEGE, BE
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[51] **Int.Cl. G01R 33/36 (2006.01) G01R 33/565 (2006.01) G01R 33/58 (2006.01)**
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[54] **BARRIERE D'ONDE DE GAINE POUR DES APPLICATIONS DE RESONANCE MAGNETIQUE (RM)**
[72] SCHMID, THOMAS, CH
[72] BRUNNER, DAVID OTTO, CH
[71] SKOPE MAGNETIC RESONANCE TECHNOLOGIES AG, CH
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[54] **OGA INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS D'OGA**
[72] BARTOLOME-NEBREDA, JOSE MANUEL, ES
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] DE LUCAS OLIVARES, ANA ISABEL, ES
[72] TRESADERN, GARY JOHN, ES
[72] CONDE-CEIDE, SUSANA, ES
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **COMPOSES INHIBITEURS D'OGA**
[72] BARTOLOME-NEBREDA, JOSE MANUEL, ES
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] LEENAERTS, JOSEPH ELISABETH, BE
[72] OEHLRICH, DANIEL, BE
[72] BUIJNSTERS, PETRUS JACOBUS JOHANNES ANTONIUS, BE
[72] MARTINEZ LAMENCA, CAROLINA, BE
[72] VELTER, ADRIANA INGRID, BE
[72] VAN ROOSBROECK, YVES EMIEL MARIA, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2020-12-08
[86] 2019-06-20 (PCT/EP2019/066392)
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[54] **COMPOSES INHIBITEURS D'OGA**
[72] BARTOLOME-NEBREDA, JOSE MANUEL, ES
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] TRESADERN, GARY JOHN, ES
[72] MARTINEZ LAMENCA, CAROLINA, BE
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[72] OEHLRICH, DANIEL, BE
[72] BUIJNSTERS, PETER JACOBUS JOHANNES ANTONIUS, BE
[72] VELTER, ADRIANA INGRID, BE
[72] VAN ROOSBROECK, YVES EMIEL MARIA, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **COMMUNICATIONS METHOD AND APPARATUS**
[54] **APPAREIL ET PROCEDE DE COMMUNICATION**
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-12-08
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[54] **AGONISTES DU RECEPTEUR GLP-1 ET LEURS UTILISATIONS**
[72] ASPNES, GARY ERIK, US
[72] BAGLEY, SCOTT W., US
[72] CONN, EDWARD L., US
[72] CURTO, JOHN M., US
[72] EDMONDS, DAVID JAMES, US
[72] FLANAGAN, MARK E., US
[72] FUTATSUGI, KENTARO, US
[72] GRIFFITH, DAVID A., US
[72] HUARD, KIM, US
[72] LIMBERAKIS, CHRIS, US
[72] MATHIOWETZ, ALAN M., US
[72] PIOTROWSKI, DAVID W., US
[72] RUGGERI, ROGER B., US
[71] PFIZER INC., US
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[25] EN
[54] **THIOPHENE DERIVATIVES FOR THE TREATMENT OF DISORDERS CAUSED BY IGE**
[54] **DERIVES DE THIOPHENE POUR LE TRAITEMENT DE TROUBLES PROVOQUES PAR IGE**
[72] CHOVATIA, PRAFULKUMAR TULSHIBHAI, GB
[72] CONNELLY, RICKKI LEE, GB
[72] FRANKLIN, RICHARD JEREMY, GB
[72] HASLETT, GREGORY WILLIAM, GB
[72] HENRY, ALISTAIR JAMES, GB
[72] MADDEN, JAMES, GB
[72] NEUSS, JUDI CHARLOTTE, GB
[72] NORMAN, TIMOTHY JOHN, GB
[72] PHILPS, OLIVER, GB
[72] PITT, WILLIAM ROSS, GB
[72] RAMPALAKOS, KONSTANTINOS, GB
[72] SELBY, MATTHEW DUNCAN, GB
[72] SELVARATNAM, SUGANTHAN, GB
[72] TRANI, GIANCARLO, GB
[72] ZHU, ZHAONING, GB
[71] UCB BIOPHARMA SRL, BE
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[25] EN
[54] **SCREW FOR SCREWING INTO PLASTIC**
[54] **VIS DESTINEE A ETRE VISSEE DANS DE LA MATIERE PLASTIQUE**
[72] ACHENBACH, MICHAEL, DE
[72] BIRKELBACH, RALF, DE
[72] DIECKMANN, VOLKER, DE
[72] DRATSCHMIDT, FRANK, DE
[72] HELLMIG, RALPH J., DE
[72] SELIMI, ILIR, DE
[72] WEITZEL, STEPHAN, DE
[72] HACKLER, JAN, DE
[72] BEHLE, JUERGEN, DE
[72] GERBER, RENE, DE
[71] EJOT GMBH & CO. KG, DE
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[54] **OLIGONUCLEOTIDES FOR MODULATING TAU EXPRESSION**
[54] **OLIGONUCLEOTIDES POUR MODULER L'EXPRESSION DE TAU**
[72] HAGEDORN, PETER, DK
[72] HOG, ANJA MOLHART, DK
[72] OLSON, RICHARD E., US
[72] JENSEN, MARIANNE L., DK
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **ERK INHIBITOR AND USE THEREOF**
[54] **INHIBITEUR D'ERK ET SON UTILISATION**
[72] WU, HAO, CN
[72] GU, WEI, CN
[72] TANG, XIAOJING, CN
[72] WANG, WEI, CN
[72] ZHAN, BO, CN
[72] FENG, DONGJIE, CN
[72] KE, YONGXIN, CN
[72] CHEN, ZHONGYAN, CN
[72] SHEN, YIFEI, CN
[72] WU, WENMAO, CN
[72] ZHAO, XINTAO, CN
[72] LAN, HONG, CN
[72] WANG, JIABING, CN
[72] DING, LIEMING, CN
[71] BETTA PHARMACEUTICALS CO., LTD, CN
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[54] **METHOD AND SYSTEM FOR MONITORING A TRACK SECTION**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE D'UNE VOIE FERREE**
[72] WILCZEK, KRZYSZTOF, AT
[72] AUER, FLORIAN, AT
[72] KOPF, FRITZ, AT
[72] ROSENBERGER, MARTIN, AT
[72] HUBER, STEFAN, DE
[72] LANCASTER, GAVIN, AT
[72] ZEILINGER, RENE, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GMBH, AT
[71] FRAUSCHER SENSORTECHNIK GMBH, AT
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[25] EN
[54] **A METHOD AND SYSTEM FOR JOINT ACCESS TO UNLICENSED SPECTRUM**
[54] **PROCEDE ET SYSTEME D'ACCES CONJOINT A UN SPECTRE SANS LICENCE**
[72] SALEM, MOHAMED ADEL, CA
[72] ZHANG, JIAYIN, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-12-08
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[25] EN
[54] **AQUEOUS DISPERSION FOR ACTIVATING A METAL SURFACE, AND METHOD FOR THE PHOSPHATISATION THEREOF**
[54] **DISPERSION AQUEUSE POUR L'ACTIVATION D'UNE SURFACE METALLIQUE ET SON PROCEDE DE PHOSPHATATION**
[72] ANGENENDT, CHRISTINA, DE
[72] BROUWER, JAN-WILLEM, DE
[72] BUSSMANN, HENDRIK, DE
[72] CZIKA, FRANZ-ADOLF, DE
[72] POSNER, RALF, DE
[72] SINNWELL, SEBASTIAN, DE
[72] WAPNER, KRISTOF, DE
[71] HENKEL AG & CO. KGAA, DE
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[54] **COMPRESSION MOLDING HOLLOW STRUCTURE**
[54] **STRUCTURE CREUSE MOULEE PAR COMPRESSION**
[72] MOORE, HENRY E., CA
[72] PACHHA, RANJIT, CA
[72] LAUX, JOSEPH J., CH
[72] INGRAM, JOHN A., CA
[72] CROTEAU-LABOULY, BRUNO, CA
[72] OUELLET, CARL, CA
[72] CHAGNON, ALEXANDRE, CA
[72] DUBE, ROBIN, CA
[71] MAGNA EXTERIORS INC., CA
[71] CENTRE TECHNOLOGIQUE EN AEROSPATIALE C.T.A., CA
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[54] **A SHADING SYSTEM FOR COVERING AN UNDERLYING SPACE**
[54] **SYSTEME D'OMBRAGE POUR RECOUVRIR UN ESPACE SOUS-JACENT**
[72] VANTHOURNOUT, GWENN, BE
[71] HELIOS TRADING NV, BE
[85] 2020-12-08
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[25] EN
[54] **PROCESS FOR FORMATION OF EMULSION CONTAINING LIQUID CRYSTAL STRUCTURE**
[54] **PROCEDE DE FORMATION D'UNE EMULSION CONTENANT UNE STRUCTURE DE CRISTAUX LIQUIDES**
[72] TANG, XUDONG, US
[72] PERNA, CHRISTINE, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2020-12-08
[86] 2019-06-20 (PCT/IB2019/055215)
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[54] **CATALYSTS FOR ELECTROCHEMICAL CO2 REDUCTION AND ASSOCIATED METHODS**
[54] **CATALYSEURS POUR LA REDUCTION ELECTROCHIMIQUE DE CO2 ET PROCEDES ASSOCIES**
[72] ZHONG, MIAO, CA
[72] WANG, CHUANHAO, CA
[72] MIN, YIMENG, CA
[72] IP, ALEXANDER, CA
[72] SARGENT, EDWARD, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] TOTAL SE, FR
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[54] **A FIRE STARTER**
[54] **ALLUME-FEU**
[72] NEAL, OLIVER JUSTIN, GB
[71] HOT BOX STOVES LIMITED, GB
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[25] EN
[54] **DOSAGE FORM COMPRISING A LIVE BIOTHERAPEUTIC PRODUCT**
[54] **FORME POSOLOGIQUE COMPRENANT UN PRODUIT BIOTHERAPEUTIQUE VIVANT**
[72] CARITE, CHRISTOPHE, GB
[72] DECLOMESNIL, SOPHIE, GB
[71] 4D PHARMA RESEARCH LTD, GB
[85] 2020-12-08
[86] 2019-06-19 (PCT/GB2019/051720)
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[25] EN
[54] **MATERIAL TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT DE MATERIAU**
[72] NEVILLE, PAUL, GB
[71] WASTE TO ENERGY TECHNOLOGY LTD, GB
[85] 2020-12-08
[86] 2019-06-19 (PCT/GB2019/051726)
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[30] GB (1810035.4) 2018-06-19
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
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[54] **TRIAZOLOTRIAZINE DERIVATIVES AS A2A RECEPTOR ANTAGONISTS**
[54] **DERIVES DE TRIAZOLOTRIAZINE EN TANT QU'ANTAGONISTES DU RECEPTEUR A2A**
[72] SUN, SANXING, CN
[72] YE, JINQI, CN
[72] ZHAO, LONG, CN
[72] HU, CHONGBO, CN
[72] CHEN, ZHENGSHU, CN
[71] ZHEJIANG VIMGREEN PHARMACEUTICALS, LTD, CN
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[25] EN
[54] **INHIBITING VIRAL INFECTION USING ALTERNATING ELECTRIC FIELDS**
[54] **INHIBITION D'UNE INFECTION VIRALE A L'AIDE DE CHAMPS ELECTRIQUES ALTERNATIFS**
[72] KAYNAN, NOA, IL
[72] VOLOSHIN-SELA, TALI, IL
[72] GILADI, MOSHE, IL
[72] KIRSON, EILON D., IL
[71] NOVOCURE GMBH, CH
[85] 2020-12-08
[86] 2019-07-09 (PCT/IB2019/055852)
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[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] PACE, SERGIO, BE
[72] BONNEMANN, REMY, BE
[71] ARCELORMITTAL, LU
[85] 2020-12-08
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[54] **HOLE SAW ASSEMBLY**
[54] **ENSEMBLE SCIE-CLOCHE**
[72] KEIGHTLLEY, KYM, AU
[71] KEIGHTLLEY, KYM, AU
[85] 2020-12-08
[86] 2019-06-12 (PCT/IB2019/054897)
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[30] AU (2018902101) 2018-06-12

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[51] **Int.Cl. B65B 1/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FILLING A CHAMBERED PACKAGE**
[54] **SYSTEME ET PROCEDE DE REMPLISSAGE D'UN EMBALLAGE A CHAMBRES**
[72] JOHNSON, THOMAS, US
[72] WHARTON, JONATHAN, US
[72] KING, CHRISTOPHER, US
[72] HENRY, CARL, US
[72] ROMAN, EDDIE A., US
[71] CHURCH & DWIGHT CO., INC., US
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[51] **Int.Cl. A61N 1/06 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **USING POWER LOSS DENSITY AND RELATED MEASURES TO QUANTIFY THE DOSE OF TUMOR TREATING FIELDS (TTFIELDS)**
[54] **UTILISATION DE DENSITE DE PERTE DE PUISSANCE ET MESURES ASSOCIEES POUR QUANTIFIER LA DOSE DE CHAMPS DE TRAITEMENT DE TUMEUR (TTFIELDS)**
[72] BOMZON, ZEEV, IL
[72] HERSHKOVICH, HADAS SARA, IL
[72] NAVEH, ARIEL, IL
[72] LEVI, SHAY, IL
[72] URMAN, NOA, IL
[71] NOVOCURE GMBH, CH
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[30] US (62/700,080) 2018-07-18
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[25] EN
[54] **GRIPPING ARM FOR A BICYCLE CARRIER WITH A RATCHETING MECHANISM**
[54] **BRAS DE PREHENSION DESTINE A UN PORTE-VELO DOTE D'UN MECANISME A CLIQUET**
[72] SETTELMAYER, JOSEPH, SE
[71] THULE SWEDEN AB, SE
[85] 2020-12-08
[86] 2019-08-14 (PCT/IB2019/056901)
[87] (WO2020/044154)
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[25] EN
[54] **ELECTROLYTIC TREATMENT PROCESS FOR COATING STAINLESS STEEL OBJECTS**
[54] **PROCEDE DE TRAITEMENT ELECTROLYTIQUE POUR LE REVETEMENT D'OBJETS EN ACIER INOXYDABLE**
[72] TODESCAN, ALBERTO, IT
[71] TODESCAN, ALBERTO, IT
[85] 2020-12-08
[86] 2019-06-14 (PCT/IT2019/050137)
[87] (WO2019/239440)
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[25] EN
[54] **POWER CONVERSION DEVICE**
[54] **DISPOSITIF DE CONVERSION DE PUISSANCE**
[72] YAMAMOTO, YUSHIN, JP
[72] OGASAWARA, SATOSHI, JP
[72] OHARA, SHUNSUKE, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[85] 2020-12-08
[86] 2019-03-07 (PCT/JP2019/009163)
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[25] EN
[54] **FAT/OIL COMPOSITION CONTAINING FINE PARTICLE COMPOSITE AND METHOD FOR PRODUCING SAME**
[54] **COMPOSITION D'HUILE ET DE MATIERE GRASSE QUI CONTIENT UN COMPOSITE DE PARTICULES FINES**
[72] SAITO, TAKEKI, JP
[71] MIZKAN HOLDINGS CO., LTD., JP
[85] 2020-12-08
[86] 2019-05-15 (PCT/JP2019/019209)
[87] (WO2019/235150)
[30] JP (2018-110107) 2018-06-08
[30] JP (PCT/JP2018/041708) 2018-11-09

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[51] **Int.Cl. C12N 15/09 (2006.01) C12N 15/113 (2010.01) C07K 19/00 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **MODIFIED CAS9 PROTEIN AND USE THEREOF**
[54] **PROTEINE CAS9 MODIFIEE ET UTILISATION DE CELLE-CI**
[72] YAMAGATA, TETSUYA, US
[72] QIN, YUANBO, US
[71] MODALIS THERAPEUTICS CORPORATION, JP
[85] 2020-12-08
[86] 2019-06-07 (PCT/JP2019/022795)
[87] (WO2019/235627)
[30] US (62/682,244) 2018-06-08

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[51] **Int.Cl. C07D 401/12 (2006.01) A01N 43/54 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **URACIL COMPOUND AND USE THEREOF**
[54] **COMPOSE URACILE ET SON UTILISATION**
[72] KIJI, TOSHIYUKI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2020-12-08
[86] 2019-06-10 (PCT/JP2019/022939)
[87] (WO2019/240082)
[30] JP (2018-110924) 2018-06-11

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[54] **REACTOR**
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[72] YOSHINOYA, TAKUYA, JP
[72] TSUNODA, DAISUKE, JP
[72] YAMAMOTO, TAIGA, JP
[72] YANO, AKIHISA, JP
[72] MIYAJIMA, SHUNJI, JP
[72] SAKAKURA, SHIGEKI, JP
[72] KAMATA, HIROYUKI, JP
[72] HONMA, NOBUYUKI, JP
[71] IHI CORPORATION, JP
[85] 2020-12-08
[86] 2019-06-12 (PCT/JP2019/023225)
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[51] **Int.Cl. E02F 3/38 (2006.01) B66C 23/82 (2006.01)**
[25] EN
[54] **ATTACHMENT FOR WORK MACHINE**
[54] **DISPOSITIF DE FIXATION POUR MACHINE DE TRAVAIL**
[72] YAMASHITA, SHINJI, JP
[72] WADA, ICHIRO, JP
[72] FUJITA, TSUGUHITO, JP
[71] KOBELCO CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2020-12-08
[86] 2019-06-12 (PCT/JP2019/023292)
[87] (WO2020/012858)
[30] JP (2018-132723) 2018-07-12

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[51] **Int.Cl. H03K 3/012 (2006.01) H03K 3/037 (2006.01)**
[25] EN
[54] **LOW POWER FLIP-FLOP CIRCUIT**
[54] **CIRCUIT D'ECCLES-JORDAN FAIBLE PUISSANCE**
[72] MAO, MINGMING, US
[71] LITTLE DRAGON IP HOLDING LLC, US
[85] 2020-12-04
[86] 2019-05-02 (PCT/US2019/030499)
[87] (WO2019/236224)
[30] US (15/996,821) 2018-06-04

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **LOAD DISTRIBUTION ACROSS SUPERCLUSTERS**
[54] **DISTRIBUTION DE CHARGE DANS DES SUPER-GRAPPES**
[72] NEWTON, CHRISTOPHER, US
[71] LEVEL 3 COMMUNCATIONS, LLC, US
[85] 2020-12-04
[86] 2018-06-22 (PCT/US2018/039032)
[87] (WO2019/236113)
[30] US (16/002,919) 2018-06-07

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[51] **Int.Cl. A61K 36/185 (2006.01) A61K 35/68 (2006.01) A61K 36/81 (2006.01)**
[25] EN
[54] **APHRODISIAC COMPOSITION AND MANAGEMENT OF MALE SEXUAL DYSFUNCTION**
[54] **COMPOSITION APHRODISIAQUE ET GESTION D'UN DYSFONCTIONNEMENT SEXUEL MALE**
[72] MAJEED, MUHAMMED, IN
[72] NAGABHUSHANAM, KALYANAM, US
[72] BANI, SARANG, IN
[72] PANDEY, ANJALI, IN
[71] SAMI LABS LIMITED, IN
[85] 2020-12-08
[86] 2019-04-17 (PCT/US2019/027783)
[87] (WO2020/171833)
[30] IN (201941006993) 2019-02-22

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[13] A1
[51] **Int.Cl. H04W 8/00 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **SECURE LOW POWER COMMUNICATIONS FROM A WIRELESS MEDICAL DEVICE TO MULTIPLE SMARTPHONES**
[54] **COMMUNICATIONS SECURISEES DE FAIBLE PUISSANCE D'UN DISPOSITIF MEDICAL SANS FIL VERS DE MULTIPLES TELEPHONES INTELLIGENTS**
[72] WASILY, NABIL, US
[72] AYOUB, MICHAEL ATEF, US
[71] THIRDWAYV, INC., US
[85] 2020-12-04
[86] 2019-05-22 (PCT/US2019/033575)
[87] (WO2020/009751)
[30] US (62/694,768) 2018-07-06

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[13] A1
[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/80 (2006.01)**
[25] FR
[54] **MODULE FOR A MODULAR BONE PLATE, MODULAR BONE PLATE OF THIS CONSTRUCTION, AND SYSTEM COMPRISING SAID PLATE**
[54] **MODULE POUR PLAQUE OSSEUSE MODULAIRE, PLAQUE OSSEUSE MODULAIRE AINSI CONSTITUEE ET SYSTEME COMPRENANT LA PLAQUE**
[72] DESTAINVILLE, ARNAUD, FR
[72] RICHART, OLIVIER, FR
[71] DESTAINVILLE, ARNAUD, FR
[71] RICHART, OLIVIER, FR
[85] 2020-12-07
[86] 2019-06-07 (PCT/FR2019/051378)
[87] (WO2019/243703)
[30] FR (1855374) 2018-06-19

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[51] **Int.Cl. C07K 16/30 (2006.01) C12N 5/078 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR CHIMERIC ANTIGEN RECEPTOR TARGETING CANCER CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR LE CIBLAGE DE CELLULES CANCEREUSES AVEC UN RECEPTEUR ANTIGENIQUE CHIMERIQUE**
[72] DOTTI, GIANPIETRO, US
[72] FERRONE, SOLDANO, US
[72] HUDSON, HANNAH REID, US
[72] DUKHOVLINOVA, ELENA, US
[72] FERRONE, CRISTINA, US
[72] WANG, XINHUI, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2020-12-08
[86] 2019-05-24 (PCT/US2019/034027)
[87] (WO2019/240935)
[30] US (62/684,513) 2018-06-13

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[13] A1
[51] **Int.Cl. B33Y 10/00 (2015.01) B33Y 80/00 (2015.01) B29C 64/153 (2017.01) B22F 3/105 (2006.01) B28B 1/00 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING A PART WITH A CAVITY BY ADDITIVE MANUFACTURING**
[54] **PROCEDE DE REALISATION D'UNE PIECE AVEC CAVITE PAR FABRICATION ADDITIVE**
[72] COURTOIS DE LOURMEL, YVES, FR
[72] MESSE, SEBASTIEN, FR
[72] BALDUCCI, GERARD, FR
[72] CAULE, THIERRY, FR
[71] SAFRAN LANDIND SYSTEMS, FR
[85] 2020-12-07
[86] 2019-06-14 (PCT/EP2019/065751)
[87] (WO2019/238951)
[30] FR (18 55287) 2018-06-15

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[13] A1
[51] **Int.Cl. A23C 9/156 (2006.01)**
[25] EN
[54] **INTACT PEA PROTEIN-BASED NUTRIENT COMPOSITION**
[54] **COMPOSITION NUTRITIONNELLE A BASE DE PROTEINE DE POIS INTACTE**
[72] LAVER, RICHARD, US
[72] LAVER, MICHELLE, US
[72] MATTHEWS, BRETT, US
[72] PICKAR, WILLIAM, US
[72] COLE, DAVID, US
[72] WITHERLY, STEVEN, US
[72] WITHERLY, CAROLINE, US
[72] MILLOVICH, VANESSA, US
[72] PHREANER, CHRISTINA, US
[71] KATE FARMS INC., US
[85] 2020-12-08
[86] 2019-05-29 (PCT/US2019/034236)
[87] (WO2019/240943)
[30] US (16/006,793) 2018-06-12

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[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/071 (2010.01) A61K 31/00 (2006.01) A61K 31/50 (2006.01) C07D 403/00 (2006.01) C12M 1/00 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATING HEMATOPOIETIC STEM CELLS**
[54] **PROCEDES DE GENERATION DE CELLULES SOUCHES HEMATOPOIETIQUES**
[72] SHAH, DHVANIT I., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2020-12-08
[86] 2019-06-07 (PCT/US2019/035949)
[87] (WO2019/236943)
[30] US (62/681,982) 2018-06-07

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[13] A1
[51] **Int.Cl. A61C 9/00 (2006.01) G01B 11/24 (2006.01) G01B 11/25 (2006.01)**
[25] EN
[54] **DEVICE, METHOD AND SYSTEM FOR GENERATING DYNAMIC PROJECTION PATTERNS IN A CONFOCAL CAMERA**
[54] **DISPOSITIF, PROCEDE ET SYSTEME POUR GENERER DES MOTIFS DE PROJECTION DYNAMIQUE DANS UNE CAMERA CONFOCALE**
[72] TEWES, MICHAEL, DE
[72] BERNER, MARKUS, CH
[71] DENTSPLY SIRONA INC., US
[85] 2020-12-08
[86] 2019-06-07 (PCT/US2019/035958)
[87] (WO2019/236948)
[30] US (16/003,628) 2018-06-08

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01J 19/00 (2006.01) B01L 9/06 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR LYSING BIOLOGICAL CELLS**
[54] **MOYENS ET PROCEDES DE LYSE DE CELLULES BIOLOGIQUES**
[72] KULAK, NILS A., DE
[72] RIBEIRO-CELINKSI, VINICIUS, DE
[71] PREOMICS GMBH, DE
[85] 2020-12-08
[86] 2019-06-28 (PCT/EP2019/067298)
[87] (WO2020/002577)
[30] EP (18180927.8) 2018-06-29

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[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/04 (2006.01)**
[25] EN
[54] **MODULAR HEAD FOR WELL TUBULARS**
[54] **TETE MODULAIRE POUR ELEMENTS TUBULAIRES DE PUITS**
[72] SABATIER, CLINT ROGER, CA
[71] 2170775 ALBERTA LTD., CA
[85] 2020-11-24
[86] 2019-05-24 (PCT/CA2019/050709)
[87] (WO2019/222857)
[30] US (62/676,739) 2018-05-25
[30] US (62/726,701) 2018-09-04

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[13] A1
[51] **Int.Cl. B05B 1/06 (2006.01) B05B 5/025 (2006.01) B05B 13/02 (2006.01)**
[25] EN
[54] **THICKNESS-LIMITED ELECTROSPRAY DEPOSITION**
[54] **DEPOT PAR ELECTRONEBULISATION A EPAISSEUR LIMITEE**
[72] SINGER, JONATHAN, US
[72] LEI, LIN, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2020-12-08
[86] 2019-06-12 (PCT/US2019/036776)
[87] (WO2019/241394)
[30] US (62/683,869) 2018-06-12

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[13] A1
[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/403 (2006.01) A61P 35/00 (2006.01) C07D 209/86 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **MODIFIED CARBAZOLES AS THERAPEUTIC AGENTS**
[54] **CARBAZOLES MODIFIES UTILES COMME AGENTS THERAPEUTIQUES**
[72] STELLA, NEPHI, US
[72] DIAZ, PHILIPPE, US
[71] UNIVERSITY OF WASHINGTON, US
[71] THE UNIVERSITY OF MONTANA, US
[85] 2020-12-08
[86] 2019-06-12 (PCT/US2019/036860)
[87] (WO2019/241451)
[30] US (62/683,953) 2018-06-12
[30] US (62/714,436) 2018-08-03

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[13] A1
[51] **Int.Cl. A01G 7/00 (2006.01) A01G 25/16 (2006.01) G01N 27/04 (2006.01) G01N 27/22 (2006.01) G01W 1/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AN IMPROVED WIRELESS UNDERGROUND COMMUNICATION SYSTEM**
[54] **SYSTEMES ET PROCEDES DESTINES A UN SYSTEME DE COMMUNICATION SOUTERRAIN SANS FIL AMELIORE**
[72] CAMPBELL, JEFFREY E., US
[71] GROGURU, INC., US
[85] 2020-12-08
[86] 2019-06-12 (PCT/US2019/036861)
[87] (WO2020/101746)
[30] US (16/009,192) 2018-06-14

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[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 7/50 (2006.01) C07K 16/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **COMPOUND HAVING AFFINITY SUBSTANCE TO ANTIBODY, CLEAVABLE PORTION, AND REACTIVE GROUP, OR SALT THEREOF**
[54] **COMPOSE COMPRENANT UNE SUBSTANCE AYANT UNE AFFINITE POUR UN ANTICORPS, SITE DE CLIVAGE ET GROUPE REACTIF, OU SEL CORRESPONDANT**
[72] YAMADA, KEI, JP
[72] FUJII, TOMOHIRO, JP
[72] SHIKIDA, NATSUKI, JP
[72] SHIMBO, KAZUTAKA, JP
[71] AJINOMOTO CO., INC., JP
[85] 2020-12-08
[86] 2019-06-14 (PCT/JP2019/023778)
[87] (WO2019/240287)
[30] JP (2018-113953) 2018-06-14
[30] JP (2018-205446) 2018-10-31

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[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01) A61P 25/18 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **NONMUSCLE MYOSIN II INHIBITORS FOR SUBSTANCE USE RELAPSE**
[54] **INHIBITEURS DE MYOSINE NON MUSCULAIRE II POUR LA RECHUTE D'UTILISATION DE SUBSTANCE**
[72] MILLER, COURTNEY, US
[72] GRIFFIN, PATRICK, US
[72] KAMENECKA, THEODORE, US
[72] RUMBAUGH, GAVIN, US
[72] SURMAN, MATTHEW, US
[72] YOUNG, STEVE, US
[72] DUDDY, STEVEN, US
[72] RADNAL, LASZLO, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2020-12-08
[86] 2019-06-13 (PCT/US2019/036897)
[87] (WO2019/241469)
[30] US (62/685,158) 2018-06-14

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[51] **Int.Cl. C07D 407/04 (2006.01) A61K 31/357 (2006.01) A61P 1/16 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATMENT OR PREVENTION OF LIVER DISEASED**
[54] **COMPOSE POUR LE TRAITEMENT OU LA PREVENTION DE MALADIES HEPATIQUES**
[72] SHI, DONGFANG, CN
[72] FU, CHANGJIN, CN
[72] CHENG, XI, CN
[72] GONG, WEIWEI, CN
[72] GU, JIE, CN
[72] LI, PENGFEI, CN
[72] ZHANG, MIN, CN
[72] YANG, YAN, CN
[72] JIN, WENQING, CN
[71] JIANGSU ATOM BIOSCIENCE AND PHARMACEUTICAL CO., LTD., CN
[85] 2020-12-09
[86] 2019-06-05 (PCT/CN2019/090135)
[87] (WO2019/233440)
[30] CN (201810590506.0) 2018-06-09

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **BIOMARKERS FOR UROTHELIAL CARCINOMA AND APPLICATIONS THEREOF**
[54] **BIOMARQUEURS POUR LE CARCINOME UROTHELIAL ET LEURS APPLICATIONS**
[72] CHEN, CHAO-JUNG, CN
[72] HUANG, CHIU-CHING, CN
[71] CHINA MEDICAL UNIVERSITY, TW
[85] 2020-12-09
[86] 2019-06-21 (PCT/CN2019/092309)
[87] (WO2019/242741)
[30] US (62/688,138) 2018-06-21

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[13] A1
[51] **Int.Cl. H04W 4/021 (2018.01) H04W 4/21 (2018.01) G07C 9/00 (2020.01)**
[25] EN
[54] **METHODS AND DEVICES FOR MONITORING FACILITIES**
[54] **PROCEDES ET DISPOSITIFS DE SURVEILLANCE D'INSTALLATIONS**
[72] DI CORPO, MICHAEL, CA
[71] LES CONSEILLERS EN INFORMATIQUE IEG INC./IEG DATA PROCESSING CONSULTANTS INC., CA
[85] 2020-12-09
[86] 2019-06-20 (PCT/CA2019/050865)
[87] (WO2019/241890)
[30] US (62/688,847) 2018-06-22

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[13] A1
[51] **Int.Cl. H04M 3/493 (2006.01) G06Q 50/18 (2012.01)**
[25] EN
[54] **RECORDING EVIDENCE OF COMMUNICATION IN HUMAN-MACHINE INTERACTIONS**
[54] **ENREGISTREMENT DE PREUVE DE COMMUNICATION D'INTERACTIONS HOMME-MACHINE**
[72] NAHAMOO, DAVID, US
[72] JABLOKOV, IGOR, US
[72] PICKOVER, CLIFFORD A., US
[71] PRYON INCORPORATED, US
[85] 2020-12-08
[86] 2019-06-19 (PCT/US2019/037966)
[87] (WO2019/246249)
[30] US (62/687,171) 2018-06-19

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **PROTEIN BIOMARKERS FOR NEPHROPATHY AND APPLICATIONS THEREOF**
[54] **BIOMARQUEURS PROTEIQUES POUR LA NEPHROPATHIE ET LEURS APPLICATIONS**
[72] CHEN, CHAO-JUNG, CN
[72] TSAI, FUU-JEN, CN
[71] CHINA MEDICAL UNIVERSITY, TW
[85] 2020-12-09
[86] 2019-06-21 (PCT/CN2019/092329)
[87] (WO2019/242750)
[30] US (62/688,142) 2018-06-21

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[13] A1
[51] **Int.Cl. A61K 47/64 (2017.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 2/00 (2006.01) C07K 4/00 (2006.01) C07K 14/00 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **COMPOUND HAVING AFFINITY SUBSTANCE TO ANTIBODY AND BIOORTHOGONAL FUNCTIONAL GROUP, OR SALT THEREOF**
[54] **SUBSTANCE AYANT UNE AFFINITE POUR UN ANTICORPS, ET COMPOSE OU SEL DE CELUI-CI POSSEDANT UN GROUPE FONCTIONNEL BIOORTHOGONAL**
[72] MATSUDA, YUTAKA, JP
[72] HATADA, NORIKO, JP
[72] YAMADA, KEI, JP
[72] SHIKIDA, NATSUKI, JP
[72] SHIMBO, KAZUTAKA, JP
[72] FUJII, TOMOHIRO, JP
[72] HIRASAWA, SHIGEO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2020-12-08
[86] 2019-06-14 (PCT/JP2019/023779)
[87] (WO2019/240288)
[30] JP (2018-113962) 2018-06-14

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[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/33 (2016.01) A61F 13/38 (2006.01) A61M 1/00 (2006.01) A61M 25/00 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **URINARY CATHETER-INSERTION KITS WITH INTEGRATED INSTRUCTIONS FOR USE AND METHODS THEREOF**
[54] **KITS D'INSERTION DE CATHETER URINAIRE A INSTRUCTIONS INTEGREES POUR UTILISATION ET PROCEDES ASSOCIES**
[72] HUGHETT, JAMES DAVID, US
[71] C.R. BARD, INC., US
[85] 2020-12-08
[86] 2019-06-19 (PCT/US2019/038051)
[87] (WO2019/246307)
[30] US (62/687,656) 2018-06-20
[30] US (62/724,292) 2018-08-29

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/194 (2006.01) A61K 31/4709 (2006.01) A61P 35/00 (2006.01) C07C 55/10 (2006.01)**
[25] EN
[54] **SALTS OF (S)-(5-CYCLOBUTOXY-2-METHYL-6-(1-(PIPERIDIN-4-YL)-1H-PYRAZOL-4-YL)-3,4-DIHYDROQUINOLIN-1(2H)-YL)(CYCLOPROPYL)METHANONE AND SOLID FORMS THEREOF**
[54] **SELS DE (S)-(5-CYCLOBUTOXY-2-METHYL-6-(1- (PIPERIDIN-4-YL)-1H-PYRAZOL-4-YL)-3,4-DIHYDROQUINOLIN-1(2H)-YL)(CYCLOPROPYL)METHANONE ET LEURS FORMES SOLIDES**
[72] LUKE, GEORGE P., US
[71] FORMA THERAPEUTICS, INC., US
[85] 2020-12-08
[86] 2019-06-28 (PCT/US2019/039677)
[87] (WO2020/006329)
[30] US (62/692,554) 2018-06-29
[30] US (62/692,546) 2018-06-29

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 5/0786 (2010.01) C07K 14/52 (2006.01) C12Q 1/68 (2018.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING MONOCYTE AND MACROPHAGE INFLAMMATORY PHENOTYPES AND IMMUNOTHERAPY USES THEREOF**
[54] **COMPOSITIONS ET PROCEDES POUR MODULER DES PHENOTYPES INFLAMMATOIRES DES MONOCYTES ET DES MACROPHAGES ET LEURS UTILISATIONS EN IMMUNOTHERAPIE**
[72] NOVOBRANTSEVA, TATIANA I., US
[72] FELDMAN, IGOR, US
[71] VERSEAU THERAPEUTICS, INC., US
[85] 2020-12-08
[86] 2019-06-28 (PCT/US2019/039773)
[87] (WO2020/006385)
[30] US (62/692,463) 2018-06-29
[30] US (62/810,683) 2019-02-26
[30] US (62/857,199) 2019-06-04
[30] US (62/867,532) 2019-06-27

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[13] A1
[51] **Int.Cl. B01D 63/02 (2006.01) B01D 61/18 (2006.01) B01D 63/04 (2006.01) B01D 69/08 (2006.01) C02F 1/44 (2006.01) B01D 65/02 (2006.01)**
[25] EN
[54] **FILTRATION SYSTEM AND METHOD FOR FILTERING WATER**
[54] **SYSTEME DE FILTRATION ET PROCEDE POUR FILTRER DE L'EAU**
[72] HEIJNEN, MARTIN, DE
[71] DUPONT SAFETY & CONSTRUCTION, INC., US
[85] 2020-12-09
[86] 2019-05-29 (PCT/EP2019/063960)
[87] (WO2019/238425)
[30] EP (18177171.8) 2018-06-12

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[13] A1
[51] **Int.Cl. F16H 55/36 (2006.01) F16C 17/02 (2006.01) F16C 23/04 (2006.01) F16C 33/20 (2006.01)**
[25] EN
[54] **PULLEY STRUCTURE, SLIDING BEARING, AND PRODUCTION METHOD FOR SLIDING BEARING**
[54] **STRUCTURE DE POULIE, PALIER COULISSANT ET PROCEDE DE PRODUCTION POUR PALIER COULISSANT**
[72] MORIMOTO, TAKASHI, JP
[72] SHIMAMURA, HAYATO, JP
[72] IMAI, KATSUYA, JP
[72] DAN, RYOSUKE, JP
[71] MITSUBOSHI BELTING LTD., JP
[85] 2020-12-08
[86] 2019-06-25 (PCT/JP2019/025191)
[87] (WO2020/004397)
[30] JP (2018-119639) 2018-06-25
[30] JP (2019-111677) 2019-06-17

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[13] A1
[51] **Int.Cl. A61K 31/55 (2006.01) A61P 31/18 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **ANTI-HIV COMPOUNDS**
[54] **COMPOSES ANTI-VIH**
[72] CHIN, ELBERT, US
[72] KATO, DARRYL, US
[72] LINK, JOHN O., US
[72] SHAPIRO, NATHAN, US
[72] YANG, ZHENG-YU, US
[71] GILEAD SCIENCES, INC., US
[85] 2020-12-08
[86] 2019-07-29 (PCT/US2019/043965)
[87] (WO2020/028272)
[30] US (62/711,768) 2018-07-30

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[13] A1
[51] **Int.Cl. C07K 7/62 (2006.01) A61K 38/12 (2006.01)**
[25] EN
[54] **COMPOUNDS**
[54] **COMPOSES**
[72] BROWN, PAMELA, GB
[72] DAWSON, MICHAEL, GB
[72] SIMONOVIC, MONA, GB
[72] BOAKES, STEVEN, GB
[72] DUPERCHY, ESTHER, GB
[72] RIVERS, DEAN, GB
[72] LESTER, ROY, GB
[72] COLEMAN, SCOTT, US
[71] SPERO THERAPEUTICS, INC., US
[85] 2020-12-09
[86] 2019-06-25 (PCT/EP2019/066819)
[87] (WO2020/002325)
[30] US (62/689,602) 2018-06-25

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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **NOVEL BIOMARKERS FOR RECURRENT TONSILLITIS**
[54] **NOUVEAUX BIOMARQUEURS POUR L'AMYGDALITE RECURRENTE**
[72] SPIEKERMANN, CHRISTOPH, DE
[72] VOGL, THOMAS, DE
[72] ROTH, JOHANNES, DE
[71] WESTFALISCHE WILHELMS-UNIVERSITAT MUNSTER, DE
[85] 2020-12-09
[86] 2019-06-06 (PCT/EP2019/064825)
[87] (WO2019/238531)
[30] LU (LU100835) 2018-06-13

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01)**
[25] EN
[54] **PYRIDOPYRIMIDINONE DERIVATIVES FOR USE AS AXL INHIBITORS**
[54] **DERIVES DE PYRIDOPYRIMIDINONE DESTINES A ETRE UTILISES COMME INHIBITEURS D'AXL**
[72] KIM, JUNG-HO, KR
[72] CHOI, JANG-SIK, KR
[72] LEE, HEE KYU, KR
[72] JUNG, DONG-SIK, KR
[72] PARK, SUNG-HO, KR
[72] CHOI, YUNG-GEUN, KR
[71] OSCOTEC INC., KR
[85] 2020-12-08
[86] 2019-06-26 (PCT/KR2019/007733)
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[30] US (62/690,620) 2018-06-27

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[51] **Int.Cl. A61K 35/74 (2015.01) A61K 35/741 (2015.01) A61K 9/19 (2006.01) A61P 1/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] YUILLE, SAMANTHA, GB
[72] REICHARDT, NICOLE, GB
[72] REID, SARAH, GB
[72] AHMED, SUAAD, GB
[72] SAVIGNAC, HELENE, GB
[72] MULDER, IMKE ELISABETH, GB
[72] ETTORRE, ANNA, GB
[71] 4D PHARMA RESEARCH LIMITED, GB
[85] 2020-12-09
[86] 2019-06-25 (PCT/EP2019/066905)
[87] (WO2020/002370)
[30] EP (18179641.8) 2018-06-25
[30] GB (1814836.1) 2018-09-12
[30] GB (1905000.4) 2019-04-09

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[51] **Int.Cl. B27F 1/02 (2006.01) A47B 96/20 (2006.01) B27M 1/02 (2006.01) B27M 3/00 (2006.01) E04B 5/23 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A WOOD PART CONNECTION AND DEVICE TO CARRY OUT THE PROCESS**
[54] **PROCEDE SERVANT A ETABLIR UNE JONCTION DE PARTIES EN BOIS ET DISPOSITIF ASSOCIE**
[72] HUMMEL, ARMIN, DE
[71] HUMMEL, ARMIN, DE
[85] 2020-12-09
[86] 2019-06-10 (PCT/EP2019/000179)
[87] (WO2019/233627)
[30] DE (10 2018 004 541.3) 2018-06-09

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[51] **Int.Cl. A61K 47/69 (2017.01) C12Q 1/37 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **ACTIVITY SENSOR WITH TUNABLE ANALYTE**
[54] **CAPTEUR D'ACTIVITE A ANALYTE ACCORDABLE**
[72] BHATIA, SANGEETA, US
[72] KWONG, GABRIEL, US
[72] HUANG, ERIC, US
[72] BANERJEE, SIRSHENDU ROOPOM, US
[72] WARREN, ANDREW, US
[72] CAZANAVE, SOPHIE, US
[71] GLYMPSE BIO, INC., US
[85] 2020-12-08
[86] 2019-06-07 (PCT/US2019/036036)
[87] (WO2019/236989)
[30] US (62/682,492) 2018-06-08

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[51] **Int.Cl. A61K 38/17 (2006.01) A61P 11/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ANTISECRETORY FACTOR FOR USE IN TREATMENT AND/OR PREVENTION OF ACUTE RESPIRATORY FAILURE**
[54] **FACTEUR ANTISECRETOIRE DESTINE A ETRE UTILISE DANS LE TRAITEMENT ET/OU LA PREVENTION D'UNE INSUFFISANCE RESPIRATOIRE AIGUE**
[72] LARSSON, ANDERS, SE
[71] LANTMANNEN MEDICAL AB, SE
[85] 2020-12-09
[86] 2019-06-26 (PCT/EP2019/067067)
[87] (WO2020/002464)
[30] SE (1850803-6) 2018-06-28

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE TREATMENT OF HYPOXIC-ISCHEMIC ENCEPHALOPATHY IN NEWBORNS**
[54] **PROCEDE POUR LE TRAITEMENT DE L'ENCEPHALOPATHIE HYPOXIQUE-ISCHEMIQUE CHEZ LES NOUVEAU-NES**
[72] WOLFS, TIM GUILLAUME ANNA MARIE, NL
[72] REUTELINGSPERGER, CHRISTIAAN PETER MARIA, NL
[71] UNIVERSITEIT MAASTRICHT, NL
[71] ACADEMISCH ZIEKENHUIS MAASTRICHT, NL
[85] 2020-12-09
[86] 2019-06-07 (PCT/EP2019/064914)
[87] (WO2019/238550)
[30] EP (18177287.2) 2018-06-12

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[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/541 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOUNDS**
[54] **COMPOSES**
[72] DUPLESSIS, MARTIN, US
[72] GOERGLER, ANNICK, CH
[72] JAESCHKE, GEORG, CH
[72] KOCER, BUELENT, CH
[72] KUHN, BERND, CH
[72] LAZARSKI, KIEL, US
[72] LIANG, YANKE, US
[72] NAGEL, YVONNE ALICE, CH
[72] OBST SANDER, ULRIKE, CH
[72] RICCI, ANTONIO, CH
[72] RUEHER, DANIEL, CH
[72] STEINER, SANDRA, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-12-09
[86] 2019-06-27 (PCT/EP2019/067111)
[87] (WO2020/002487)
[30] EP (18180758.7) 2018-06-29

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[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) C12Q 1/6883 (2018.01)**
[25] EN
[54] **OPTIMIZING BAG3 GENE THERAPY**
[54] **OPTIMISATION D'UNE THERAPIE GENIQUE DE BAG3**
[72] FELDMAN, ARTHUR M., US
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2020-12-08
[86] 2019-06-07 (PCT/US2019/036059)
[87] (WO2019/237002)
[30] US (62/682,404) 2018-06-08

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[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **STOPPER DEVICE, MEDICAMENT CONTAINER, AND METHOD FOR MIXING TWO SUBSTANCES IN A MEDICAMENT CONTAINER**
[54] **DISPOSITIF BOUCHON, RECIPIENT DE MEDICAMENT ET PROCEDE POUR LE MELANGE DE DEUX SUBSTANCES DANS UN RECIPIENT DE MEDICAMENT**
[72] MESSNER-RUGOVA, FATBARDHA, DE
[72] EGGENSBERGER, MARKUS, DE
[71] VETTER PHARMA-FERTIGUNG GMBH & CO. KG, DE
[85] 2020-12-09
[86] 2019-06-28 (PCT/EP2019/067479)
[87] (WO2020/007752)
[30] DE (10 2018 210 941.9) 2018-07-03

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[51] **Int.Cl. C12Q 1/26 (2006.01) C12Q 1/48 (2006.01) C12Q 1/68 (2018.01) C40B 30/04 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR TREATING STRESS-RELATED DISORDERS AND CANCER**
[54] **MATERIAUX ET PROCEDES DE TRAITEMENT DE TROUBLES ET DE CANCER LIES AU STRESS**
[72] GOLDE, TODD ELIOT, US
[72] FUTCH, HUNTER S., US
[72] MOORE, BRENDA DAWN, US
[72] GIASSON, BENOIT, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2020-12-08
[86] 2019-06-10 (PCT/US2019/036337)
[87] (WO2019/241127)
[30] US (62/683,369) 2018-06-11
[30] US (62/777,572) 2018-12-10
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[51] **Int.Cl. B05D 5/02 (2006.01) B32B 5/14 (2006.01) B32B 5/24 (2006.01) B32B 5/28 (2006.01) B32B 27/04 (2006.01)**
[25] EN
[54] **COMPOSITE ARTICLES INCLUDING TEXTURED FILMS AND FURNITURE ARTICLES INCLUDING THEM**
[54] **ARTICLES COMPOSITES COMPRENANT DES FILMS TEXTURES ET ARTICLES DE MOBILIER LES COMPRENANT**
[72] WEI, LIQING, US
[72] MASON, MARK O., US
[71] HANWHA AZDEL, INC., US
[85] 2020-12-04
[86] 2019-06-06 (PCT/US2019/035719)
[87] (WO2019/236794)
[30] US (62/681,607) 2018-06-06

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[13] A1
[51] **Int.Cl. B01J 20/28 (2006.01) B01D 53/06 (2006.01) B01J 20/04 (2006.01)**
[25] EN
[54] **SORBENT COMPOSITION FOR AN ELECTROSTATIC PRECIPITATOR**
[54] **COMPOSITION DE SORBANT POUR UN PRECIPITATEUR ELECTROSTATIQUE**
[72] FOO, RODNEY, GB
[72] LYONS, DAVID, US
[72] SARATOVSKY, IAN, US
[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
[85] 2020-12-09
[86] 2019-07-11 (PCT/EP2019/068758)
[87] (WO2020/011953)
[30] EP (PCT/EP2018/068770) 2018-07-11
[30] US (16/032,152) 2018-07-11

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[51] **Int.Cl. C12Q 1/6883 (2018.01) C12Q 1/689 (2018.01)**
[25] EN
[54] **METHOD FOR EARLY DETECTION OF A NECROTIC ENTERITIS OUTBREAK IN AN AVIAN POPULATION**
[54] **PROCEDE DE DETECTION PRECOCE D'UNE FLAMBEE EPIDEMIQUE D'ENTERITE NECROTIQUE DANS UNE POPULATION AVIAIRE**
[72] IGWE, EMEKA IGNATIUS, DE
[72] BOHL, FLORIAN, DE
[72] KAPPEL, ANDREAS, DE
[72] THIEMANN, FRANK, DE
[72] WEISSMANN, MICHAELA, DE
[72] WICKER, DAVID L., US
[72] MARTIN, KEN, US
[72] MIDDLEBROOKS, CASEY, US
[72] TILLEY, SARAH, US
[72] SMITH, JANET, US
[71] EVONIK OPERATIONS GMBH, DE
[85] 2020-12-09
[86] 2019-06-07 (PCT/EP2019/064949)
[87] (WO2019/238561)
[30] US (62/685,443) 2018-06-15
[30] EP (18179891.9) 2018-06-26

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[51] **Int.Cl. C07K 16/18 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **MESOTHELIN AND CD137 BINDING MOLECULES**
[54] **MOLECULES DE LIAISON A LA MESOTHELINE ET A CD137**
[72] MUNOZ-OLAYA, JOSE, GB
[72] TUNA, MIHRIBAN, GB
[72] FERTIN, REMI, GB
[72] READER, CLAIRE, GB
[72] WOLLERTON, FRANCISCA, GB
[72] BREWIS, NEIL, GB
[71] F-STAR DELTA LIMITED, GB
[85] 2020-12-09
[86] 2019-07-12 (PCT/EP2019/068817)
[87] (WO2020/011976)
[30] GB (1811450.4) 2018-07-12

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[13] A1
[51] **Int.Cl. G21C 19/40 (2006.01) G21C 19/50 (2006.01) G21C 21/00 (2006.01)**
[25] EN
[54] **REACTIVITY BOOSTER-QUENCHER, AUTOMATIC POWER MODULES SEPARATOR AND RELATED METHODS THEREOF**
[54] **ACCELERATEUR-EXTINCTEUR DE REACTIVITE, SEPARATEUR DE MODULES DE PUISSANCE AUTOMATIQUE ET PROCEDES ASSOCIES**
[72] FILIPPONE, CLAUDIO, US
[71] FILIPPONE, CLAUDIO, US
[85] 2020-12-08
[86] 2019-06-10 (PCT/US2019/036425)
[87] (WO2020/005526)
[30] US (62/682,834) 2018-06-08

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **MICRORNA INHIBITORS FOR USE IN TREATING METABOLIC DISEASES**
[54] **INHIBITEURS DE MICRO-ARN A UTILISER DANS LE TRAITEMENT DES MALADIES METABOLIQUES**
[72] HERZIG, STEPHAN, DE
[72] LOZANO, MANUEL GIL, DE
[72] SCHAFMEIER, TOBIAS, DE
[71] HELMHOLTZ ZENTRUM MUENCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
[85] 2020-12-09
[86] 2019-09-10 (PCT/EP2019/074056)
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[30] LU (LU100927) 2018-09-11

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[51] **Int.Cl. G16B 30/10 (2019.01)**
[25] EN
[54] **METHODS FOR DETECTING VARIANTS IN NEXT-GENERATION SEQUENCING GENOMIC DATA**
[54] **PROCEDES POUR LA DETECTION DE VARIANTS DANS DES DONNEES GENOMIQUES DE SEQUENCAGE DE NOUVELLE GENERATION**
[72] XU, ZHENYU, CH
[72] SONG, LIN, CH
[71] SOPHIA GENETICS SA, CH
[85] 2020-12-09
[86] 2019-06-14 (PCT/EP2019/065777)
[87] (WO2019/238963)
[30] EP (18177876.2) 2018-06-14

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[51] **Int.Cl. B05B 3/02 (2006.01) B05B 15/00 (2018.01) B08B 3/12 (2006.01) B08B 9/00 (2006.01)**
[25] EN
[54] **PROGRAMMABLE RAILCAR TANK CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE PROGRAMMABLE DE RESERVOIR DE VEHICULE SUR RAIL**
[72] INNES, ALEX G., US
[71] INNES, ALEX G., US
[85] 2020-12-08
[86] 2019-06-11 (PCT/US2019/036567)
[87] (WO2019/241261)
[30] US (62/683,215) 2018-06-11
[30] US (62/784,512) 2018-12-23

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[51] **Int.Cl. C08F 2/00 (2006.01) C08F 2/01 (2006.01) C08F 2/14 (2006.01) C08F 6/24 (2006.01) C08F 10/02 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **SUSPENSION PROCESS FOR PREPARING ETHYLENE COPOLYMERS IN A REACTOR CASCADE**
[54] **PROCEDE DE MISE EN SUSPENSION POUR LA PREPARATION DE COPOLYMERES D'ETHYLENE DANS UNE CASCADE DE REACTEURS**
[72] DAMM, ELKE, DE
[72] KUEHL, REINHARD, DE
[72] CARVAJAL, RODRIGO, DE
[71] BASELL POLYOLEFINE GMBH, DE
[85] 2020-12-09
[86] 2019-06-19 (PCT/EP2019/066121)
[87] (WO2019/243384)
[30] EP (18179141.9) 2018-06-21

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[51] **Int.Cl. B01J 2/16 (2006.01) B05B 7/06 (2006.01) B05B 7/10 (2006.01) C05C 9/00 (2006.01)**
[25] EN
[54] **SPRAY NOZZLE FOR PRODUCING A UREA-SULFUR FERTILIZER**
[54] **BUSE DE PULVERISATION POUR LA PRODUCTION D'UN ENGRAIS A BASE D'UREE-SOUFRE**
[72] POTTHOFF, MATTHIAS, DE
[72] FRANZRAHE, HARALD, DE
[72] KRAWCZYK, THOMAS, DE
[72] VANMARCKE, LUC ALBERT, BE
[71] THYSSENKRUPP FERTILIZER TECHNOLOGY GMBH, DE
[71] THYSSENKRUPP AG, DE
[85] 2020-12-09
[86] 2019-06-07 (PCT/EP2019/064991)
[87] (WO2019/238570)
[30] EP (18177289.8) 2018-06-12

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[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/04 (2006.01) C07K 14/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **LIGAND CONTROLING INTERACTION BETWEEN GAGS WITH THEIR EFFECTOR MOLECULES AND USE THEREOF**
[54] **LIGAND REGULANT L'INTERACTION ENTRE GLYCOSAMINOGLYCANES (GAG) ET LEURS MOLECULES EFFECTRICES, ET UTILISATION ASSOCIEE**
[72] MALLET, JEAN-MAURICE, FR
[72] LAVIELLE, SOLANGE, FR
[72] MARQUANT, RODRIGUE, FR
[72] PROCHIANTZ, ALAIN, FR
[72] DI NARDO, ARIEL, FR
[72] TESTA, DAMIEN, FR
[71] COLLEGE DE FRANCE, FR
[71] ECOLE NORMALE SUPERIEURE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] SORBONNE UNIVERSITE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2020-12-09
[86] 2019-06-17 (PCT/EP2019/065911)
[87] (WO2019/243272)
[30] EP (18305752.0) 2018-06-18

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[13] A1
[51] **Int.Cl. H04W 68/00 (2009.01)**
[25] EN
[54] **PROVISION OF DISTRIBUTED PAGING OCCASIONS**
[54] **FOURNITURE D'OCCASIONS DE RADIOMESSAGERIE DISTRIBUEES**
[72] RUNE, JOHAN, SE
[72] PERSSON, CLAES-GORAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2020-12-09
[86] 2019-06-19 (PCT/EP2019/066280)
[87] (WO2019/243457)
[30] US (62/688,319) 2018-06-21

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[13] A1
[51] **Int.Cl. B65D 71/68 (2006.01) B65D 71/40 (2006.01) B65D 71/62 (2006.01) F25D 3/08 (2006.01)**
[25] EN
[54] **PORTABLE COOLING MULTIPACK**
[54] **EMBALLAGE MULTIPLE DE REFROIDISSEMENT PORTABLE**
[72] THOMPSON, KEENAN, BE
[72] DEKOCKER, WIM, BE
[71] ANHEUSER-BUSH INBEV S.A., BE
[85] 2020-12-09
[86] 2019-06-17 (PCT/EP2019/065917)
[87] (WO2019/238978)
[30] BE (2018/5405) 2018-06-15
[30] US (62/685,769) 2018-06-15

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[13] A1
[51] **Int.Cl. E04B 9/00 (2006.01) E04B 9/18 (2006.01) E04B 9/20 (2006.01) E04B 9/22 (2006.01)**
[25] EN
[54] **SUSPENDED TILE SYSTEM AND ABSORBER TILE ELEMENT**
[54] **SYSTEME DE TUILE SUSPENDUE ET ELEMENT DE TUILE ABSORBEUR**
[72] NILSSON, THOMAS, SE
[71] SAINT-GOBAIN ECOPHON AB, SE
[85] 2020-12-09
[86] 2019-06-11 (PCT/EP2019/065099)
[87] (WO2019/243103)
[30] EP (18178271.5) 2018-06-18

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61K 31/5517 (2006.01) A61P 7/06 (2006.01) A61P 35/00 (2006.01) C07D 417/12 (2006.01) C07D 495/14 (2006.01)**
[25] EN
[54] **BIFUNCTIONAL MOLECULES FOR TARGETING RPN11**
[54] **MOLECULES BIFONCTIONNELLES POUR CIBLER RPN11**
[72] CIULLI, ALESSIO, GB
[72] TESTA, ANDREA, GB
[72] HUGHES, SCOTT, GB
[72] BUTCHER, STEVEN PETER, GB
[71] AMPHISTA THERAPEUTICS LTD, GB
[85] 2020-12-09
[86] 2019-06-13 (PCT/EP2019/065481)
[87] (WO2019/238817)
[30] US (62/684,265) 2018-06-13
[30] US (62/835,953) 2019-04-18

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[13] A1
[51] **Int.Cl. C07K 14/005 (2006.01) C12N 5/071 (2010.01) A61K 48/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **SYNTHETIC LIVER-TROPIC ADENO-ASSOCIATED VIRUS CAPSIDS AND USES THEREOF**
[54] **CAPSIDES SYNTHETIQUES DE VIRUS ADENO-ASSOCIE DU FOIE ET LEURS UTILISATIONS**
[72] XIAO, XIAO, US
[72] LI, JUAN, US
[72] XIAO, BIN, US
[72] YUAN, ZHENHUA, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2020-12-08
[86] 2019-06-12 (PCT/US2019/036676)
[87] (WO2019/241324)
[30] US (62/683,868) 2018-06-12

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[13] A1
[51] **Int.Cl. C21B 13/00 (2006.01) C21B 13/02 (2006.01)**
[25] EN
[54] **PRODUCING CARBURIZED SPONGE IRON BY MEANS OF HYDROGEN-BASED DIRECT REDUCTION**
[54] **FABRICATION D'EPONGE DE FER CARBUREE PAR REDUCTION DIRECTE A BASE D'HYDROGENE**
[72] MILLNER, ROBERT, AT
[72] BOEHM, CHRISTIAN, AT
[71] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
[85] 2020-12-09
[86] 2019-06-12 (PCT/EP2019/065283)
[87] (WO2019/238720)
[30] EP (18177161.9) 2018-06-12

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[13] A1
[51] **Int.Cl. G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **WEARABLE DEVICE, SYSTEM INCLUDING ONE OR MORE RFID TAGS AND A WEARABLE DEVICE, AND WRISTBAND**
[54] **DISPOSITIF PORTABLE, SYSTEME COMPRENANT UNE OU PLUSIEURS ETIQUETTES RFID ET UN DISPOSITIF PORTABLE, ET BRACELET**
[72] SCHNIPPERING, MARC, US
[71] LINXENS HOLDING, FR
[85] 2020-12-09
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[54] **COMPOSITION CONTAINING A SOMATOSTATIN ANALOGUE FOR RADIOPHARMACEUTICAL USE**
[54] **COMPOSITION CONTENANT UN ANALOGUE DE SOMATOSTATINE POUR UNE UTILISATION RADIOPHARMACEUTIQUE**
[72] DELPORTE, MARIE, FR
[72] HOVEST, SABINE, DE
[72] KAUFMANN, JENS, DE
[72] MEWIS, DENNIS, DE
[72] PETIT, ANNE, FR
[72] RICHARD, JOEL, FR
[71] IPSEN PHARMA S.A.S., FR
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[54] **IMPLANTABLE DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS IMPLANTABLES ET PROCEDES D'UTILISATION**
[72] ROSERO, SPENCER Z., US
[72] RADER, WILLIAM K., US
[71] EFFERENT LABS, INC., US
[85] 2020-12-09
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[54] **POWERING UAVS WITHIN VICINITY OF POWERLINES**
[54] **ALIMENTATION D'UAV A PROXIMITE DE LIGNES ELECTRIQUES**
[72] SYRACUSE, STEVEN J., US
[72] TILLMAN, CHAD D., US
[71] NXP AERONAUTICS RESEARCH, LLC, US
[85] 2020-12-09
[86] 2019-06-04 (PCT/US2019/035285)
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[30] US (62/682,846) 2018-06-09
[30] US (62/682,931) 2018-06-09
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[30] US (62/682,842) 2018-06-09
[30] US (16/134,909) 2018-09-18
[30] US (16/136,226) 2018-09-19
[30] US (16/162,681) 2018-10-17
[30] US (16/164,626) 2018-10-18
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[25] EN
[54] **NUTRITIONAL COMPOSITION FOR THE MANAGEMENT OF PHENYLKETONURIA AND METHOD OF PREPARATION**
[54] **COMPOSITION NUTRITIONNELLE POUR LA GESTION DE LA PHENYLCETONURIE ET PROCEDE DE PREPARATION**
[72] CERNE, VIRNA LUCIA, IT
[72] POLENGHI, OMBRETTA, IT
[72] BARBAN, FABIO, IT
[71] DR. SCHAR S.P.A., IT
[85] 2020-12-09
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[54] **A TREAD FOR WINTER AND ENDURANCE**
[54] **BANDE DE ROULEMENT POUR L'HIVER ET L'ENDURANCE**
[72] YOKOKAWA, KAZUTAKA, JP
[72] HAYASHI, TENKO, JP
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2020-12-09
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[25] EN
[54] **HYDROTHERMAL TREATMENT DEVICE, BIOMASS FUEL MANUFACTURING PLANT, HYDROTHERMAL TREATMENT METHOD, AND BIOMASS FUEL MANUFACTURING METHOD**
[54] **DISPOSITIF DE TRAITEMENT HYDROTHERMIQUE, USINE DE FABRICATION DE BIOCOMBUSTIBLE, PROCEDE DE TRAITEMENT HYDROTHERMIQUE ET PROCEDE DE FABRICATION DE BIOCOMBUSTIBLE**
[72] SHIMBO, YOICHI, JP
[72] OZAWA, YUTA, JP
[72] YOSHIDA, AKITO, JP
[71] MITSUBISHI POWER, LTD., JP
[85] 2020-12-09
[86] 2019-05-30 (PCT/JP2019/021605)
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[30] JP (2018-113616) 2018-06-14

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[54] **THREE-DIMENSIONAL DATA ENCODING METHOD, THREE-DIMENSIONAL DATA DECODING METHOD, THREE-DIMENSIONAL DATA ENCODING DEVICE, AND THREE-DIMENSIONAL DATA DECODING DEVICE**
[54] **PROCEDE DE CODAGE DE DONNEES TRIDIMENSIONNELLES, PROCEDE DE DECODAGE DE DONNEES TRIDIMENSIONNELLES, DISPOSITIF DE CODAGE DE DONNEES TRIDIMENSIONNELLES ET DISPOSITIF DE DECODAGE DE DONNEES TRIDIMENSIONNELLES**
[72] SUGIO, TOSHIYASU, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2020-12-09
[86] 2019-06-14 (PCT/JP2019/023774)
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[25] EN
[54] **ELECTRIC ACTUATOR**
[54] **ACTIONNEUR ELECTRIQUE**
[72] HIRANO, SHINSUKE, JP
[72] IKEDA, YOSHINORI, JP
[72] SHIMIZU, TATSUNORI, JP
[71] NTN CORPORATION, JP
[85] 2020-12-09
[86] 2019-06-25 (PCT/JP2019/025102)
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[54] **ELECTRIC ACTUATOR**
[54] **ACTIONNEUR ELECTRIQUE**
[72] SHIMIZU, TATSUNORI, JP
[72] USHIDA, KIMIHITO, JP
[72] KURITA, MASAO, JP
[71] NTN CORPORATION, JP
[85] 2020-12-09
[86] 2019-06-25 (PCT/JP2019/025116)
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[30] JP (2018-124582) 2018-06-29
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[51] **Int.Cl. C07D 401/12 (2006.01) A01N 43/54 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **URACIL COMPOUND AND HARMFUL ARTHROPOD CONTROL COMPOSITION CONTAINING SAME**
[54] **COMPOSE URACILE ET COMPOSITION REGULATRICE CONTRE LES ARTHROPODES NUISIBLES LE CONTENANT**
[72] TORIUMI, TATSUYA, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2020-12-09
[86] 2019-06-10 (PCT/JP2019/022937)
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[51] **Int.Cl. C07D 401/14 (2006.01) A01N 43/54 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **URACIL COMPOUND AND USE OF SAME**
[54] **COMPOSE URACILE ET SON UTILISATION**
[72] MIZUNO, HAJIME, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2020-12-09
[86] 2019-07-11 (PCT/JP2019/027510)
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[54] **FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] SHIMOTORI, SOICHIRO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION, JP
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[54] **MULTIPLE PARALLEL CONDUCTOR WITH SPACER PLATES**
[54] **CONDUCTEUR PARALLELE MULTIPLE A PLAQUETTES D'ECARTEMENT**
[72] TRIMMEL, THOMAS, AT
[71] ASTA ELEKTRODRAHT GMBH, AT
[85] 2020-12-09
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[25] EN
[54] **MATERIALS AND METHODS FOR MODULATING INTRAOCULAR AND INTRACRANIAL PRESSURE**
[54] **MATERIAUX ET PROCEDES DE MODULATION DE PRESSION INTRAOCULAIRE ET INTRACRANIENNE**
[72] CHU, COLIN JONATHAN, GB
[71] THE UNIVERSITY OF BRISTOL, GB
[85] 2020-12-09
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[25] EN
[54] **COMPOSITION FOR MUSCLE RELAXATION**
[54] **COMPOSITION POUR LA RELAXATION MUSCULAIRE**
[72] CHUNG, YONG JI, KR
[72] KIM, EUN MI, KR
[72] LEE, EUNG JI, KR
[71] CAREGEN CO., LTD., KR
[85] 2020-12-09
[86] 2019-10-22 (PCT/KR2019/013916)
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[25] EN
[54] **BIFUNCTIONAL MOLECULES FOR TARGETING UCHL5**
[54] **MOLECULES BIFONCTIONNELLES POUR CIBLER L'UCHL5**
[72] CIULLI, ALESSIO, GB
[72] TESTA, ANDREA, GB
[72] HUGHES, SCOTT, GB
[72] BUTCHER, STEVEN PETER, GB
[71] AMPHISTA THERAPEUTICS LTD, GB
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[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] PACE, SERGIO, BE
[72] BONNEMANN, REMY, BE
[71] ARCELORMITTAL, LU
[85] 2020-12-09
[86] 2019-04-23 (PCT/IB2019/053337)
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[25] EN
[54] **COMPOSITION CONTAINING A SOMATOSTATIN ANALOGUE FOR RADIOPHARMACEUTICAL USE**
[54] **COMPOSITION CONTENANT UN ANALOGUE DE SOMATOSTATINE POUR UNE UTILISATION RADIOPHARMACEUTIQUE**
[72] BEJOT, ROMAIN, GB
[72] KARAAOUI, BILAL, FR
[72] KUBIAK, DIDIER, FR
[72] LE MEUR, ANNE-CLAIRE, FR
[72] NOURRISSON, DIDIER, FR
[72] PETIT, ANNE, FR
[72] RICHARD, JOEL, FR
[72] TOULISSE, CAMILLE, FR
[71] IPSEN PHARMA S.A.S., FR
[85] 2020-12-09
[86] 2019-06-20 (PCT/EP2019/066327)
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[51] **Int.Cl. A01G 7/04 (2006.01) A01G 9/24 (2006.01)**
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[54] **METHOD AND DEVICE FOR CULTIVATION OF CROPS**
[54] **PROCEDE ET DISPOSITIF DE CULTURE DE PLANTES CULTIVEES**
[72] MEEUWS, GERARDUS JOHANNES JOZEF MARIA, NL
[72] MEEUWS-ABEN, CORNELIA HENRICA PETRONELLA MARIA, NL
[72] KREUGER, MARC, NL
[71] BLUE SKIES 1989 B.V., NL
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[86] 2019-06-11 (PCT/NL2019/050350)
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[54] **METHODS AND DEVICES FOR POWER CONTROL IN MINING MACHINES**
[54] **PROCEDES ET DISPOSITIFS DE COMMANDE DE PUISSANCE DANS DES MACHINES POUR EXPLOITATION MINIERE**
[72] BAGGE, MARKUS, SE
[72] OLOFSSON, MAGNUS, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2020-12-09
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[25] EN
[54] **COMPOSITIONS AND METHOD FOR TREATING AND PREVENTING COMPLICATIONS OF OBESITY**
[54] **COMPOSITIONS ET METHODE DE TRAITEMENT ET DE PREVENTION DES COMPLICATIONS DE L'OBESITE**
[72] MEYDANI, SIMIN NIKBIN, US
[72] MEYDANI, MOHSEN, US
[71] TUFTS UNIVERSITY, US
[85] 2020-12-07
[86] 2019-06-07 (PCT/US2019/035957)
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[54] **FORMULATIONS COMPRISING DOPAMINE-BETA-HYDROXYLASE INHIBITORS AND METHODS FOR THEIR PREPARATION**
[54] **FORMULATIONS COMPRENANT DES INHIBITEURS DE LA DOPAMINE-S-HYDROXYLASE ET LEURS PROCEDES DE PREPARATION**
[72] DA COSTA BARROCAS, PEDRO MIGUEL, PT
[72] DA SILVA TEIXEIRA BASTOS, SANDRA, PT
[72] CARDOSO DE VASCONCELOS, TEOFILO, PT
[72] DOS SANTOS LIMA, RICARDO JORGE, PT
[72] GONCALVES DA CRUZ RAMOS PIRES, ANA RITA, PT
[72] QUEIROZ PORTELA MENDES FIGUEIREDO, RAQUEL, PT
[72] CARLOSSO MACHADO, JAISON, PT
[71] BIAL- PORTELA & CA., S.A., PT
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[25] EN
[54] **METHOD AND ARRANGEMENT FOR MANAGING POWER CONSUMPTION IN A MINE**
[54] **PROCEDE ET AGENCEMENT DE GESTION DE LA CONSOMMATION D'ENERGIE DANS UNE MINE**
[72] LINDKVIST, ANDERS, SE
[72] SVENSSON, MARTIN, SE
[72] SVEDLUND, ERIK, SE
[72] WESTERGARD, VICTOR, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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[25] EN
[54] **BATTERY CHARGE MANAGEMENT OF MINING MACHINES**
[54] **GESTION DE CHARGE DE BATTERIE DE MACHINES D'EXPLOITATION MINIERE**
[72] LINDKVIST, ANDERS, SE
[72] SVENSSON, MARTIN, SE
[72] SVEDLUND, ERIK, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2020-12-09
[86] 2019-07-02 (PCT/SE2019/050652)
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[25] EN
[54] **TERLIPRESSIN COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE TERLIPRESSINE ET LEURS UTILISATIONS**
[72] MALM, MATTIAS, DK
[71] FERRING B.V., NL
[85] 2020-12-09
[86] 2019-06-14 (PCT/IB2019/055004)
[87] (WO2019/239386)
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[25] EN
[54] **A PROCESS FOR SEPARATION OF THE CELLULOSIC PART FROM A POLYESTER AND CELLULOSECOMPOSITION**
[54] **PROCEDE DE SEPARATION DE LA PARTIE CELLULOSIQUE D'UNE COMPOSITION DE POLYESTER ET DE CELLULOSE**
[72] BRELID, HARALD, SE
[72] BOGREN, JOHANNES, SE
[71] SODRA SKOGSAGARNA EKONOMISK FORENING, SE
[85] 2020-12-09
[86] 2019-07-08 (PCT/SE2019/050677)
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[54] **FORMWORK FOR THE PRODUCTION OF CONCRETE ARTICLES**
[54] **COFFRAGE POUR LA FABRICATION D'ARTICLES EN BETON**
[72] MANCINI, MICHELE, IT
[72] ROBERTO, ROBERTO, IT
[71] SOINTEK S.R.L., IT
[85] 2020-12-09
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[25] EN
[54] **INTERPOSER WITH FIRST AND SECOND ADHESIVE LAYERS**
[54] **INTERPOSEUR AVEC DES PREMIERE ET SECONDE COUCHES ADHESIVES**
[72] ZIMMERLEY, MAXWELL, US
[72] QIANG, LIANGLIANG, US
[72] BOWEN, M. SHANE, US
[72] MODIANO, STEVEN H., US
[72] YUAN, DAJUN, US
[72] SMITH, RANDALL, US
[72] PITERA, ARTHUR J., US
[72] TRAN, HAI QUANG, US
[72] KREINDL, GERALD, US
[71] ILLUMINA, INC., US
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[30] US (62/693,762) 2018-07-03
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[54] **CARTOUCHE DE FLUIDE A VANNES MULTIPLES**
[72] COX-MURANAMI, WESLEY, US
[72] OSMUS, JAMES, US
[72] CRIVELLI, PAUL, US
[72] DREWS, BRADLEY KENT, US
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[54] **BRAS ARTICULE CHIRURGICAL**
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[72] LEVINSON, YARON, IL
[72] NETA, YIFTAH, IL
[71] MEMIC INNOVATIVE SURGERY LTD., IL
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[54] **SYSTEME ET PROCEDE DE MATURATION AMELIORES**
[72] BEN ZVI, YECHIEL, IL
[72] EDVY, MATAN, US
[72] MAOR, IDO (DECEASED), IL
[71] VERSTILL DISTILLATION SYSTEMS LTD, IL
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[54] **STRUCTURE DE SUPPORT MODULAIRE**
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[71] LUBINSKI, RON, CA
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[54] **NOUVEL ACIDE ALGINIQUE RETICULE**
[72] FURUSAKO, SHOJI, JP
[72] NARUMI, TOMOHIRO, JP
[72] SATOH, TSUTOMU, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
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[54] **IMPROVED SOIL BIODEGRADABLE BLOWN FILM BAG FORMULATION**
[54] **FORMULATION AMELIOREE DE SAC A FILM SOUFFLE BIODEGRADABLE DANS LE SOL**
[72] OKAMOTO, KELVIN T., US
[72] HAWKINSON, ROBERT NEAL ALFRED, US
[71] R & J EAST, INC., US
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[54] **COMPLEX MOLECULE SUBSTRUCTURE IDENTIFICATION SYSTEMS, APPARATUSES AND METHODS**
[54] **SYSTEMES, APPAREILS ET PROCEDES D'IDENTIFICATION DE SOUS-STRUCTURE DE MOLECULE COMPLEXE**
[72] FRIDMAN, ARTHUR, US
[72] BAGCHI, ANSUMAN, US
[72] YU, XIANG, US
[72] CANCILLA, MARK, US
[71] MERCK SHARP & DOHME CORP., US
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[54] **VECTEURS AAV RECOMBINANTS ET LEURS PROCEDES D'UTILISATION**
[72] FITOUSSI, SERGE, FR
[72] KATZ, BARRETT, US
[71] FITOUSSI, SERGE, FR
[71] KATZ, BARRETT, US
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[54] **AUDIO SIGNAL DRIVEN ANALOG FLAME DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE DE FLAMME ANALOGIQUE PILOTE PAR UN SIGNAL AUDIO**
[72] MANN, WILLIAM H., US
[72] FARRER, TRENT, US
[71] TK PRODUCTS, LLC, US
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[54] **ENGINEERED LYMPHOCYTE COMPOSITIONS, METHODS AND SYSTEMS**
[54] **COMPOSITIONS DE LYMPHOCYTES MODIFIES, PROCEDES ET SYSTEMES**
[72] HUGHES, STEPHEN, US
[72] HAYWARD, JAMES A., US
[72] HOGAN, MICHAEL E., US
[71] APDN (B.V.I.), INC., VG
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[54] **SEISMIC DATA INTERPRETATION SYSTEM**
[54] **SYSTEME D'INTERPRETATION DE DONNEES SISMIQUES**
[72] BO, TROND HELLEM, NO
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2020-12-09
[86] 2019-06-07 (PCT/US2019/036032)
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[54] **TRUCK WITH HEAT TRANSFER SYSTEM**
[54] **CAMION POURVU D'UN SYSTEME DE TRANSFERT DE CHALEUR**
[72] KESANI, SHARATH, US
[72] PONNUCHAMY, VAITHEESWARAN, IN
[71] CATERPILLAR INC., US
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[54] **CONTROLEUR DE CHARGE PAR INDUCTION**
[72] GONZALEZ, ULISES, US
[72] BIHELLER, JASON, US
[72] BENSUSSEN, ERIC, US
[71] BENSUSSEN DEUTSCH & ASSOCIATES, LLC, US
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[54] **VECTOR BASED OBJECT RECOGNITION IN HYBRID CLOUD**
[54] **RECONNAISSANCE D'OBJETS A BASE DE VECTEURS DANS UN NUAGE HYBRIDE**
[72] MALEGAONKAR, ASHUTOSH ARWIND, US
[72] XIAO, HAIHUA, CN
[72] CHEN, RIZHI, CN
[72] KANG, LI, CN
[72] LING, SIQI, CN
[72] ZHENG, MINGEN, CN
[71] CISCO TECHNOLOGY, INC., US
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[54] **REAL-TIME OPTIMIZATION OF COMPUTER-IMPLEMENTED APPLICATION OPERATIONS USING MACHINE LEARNING TECHNIQUE**
[54] **OPTIMISATION EN TEMPS REEL D'OPERATIONS D'APPLICATION MISES EN □UVRE PAR ORDINATEUR A L'AIDE D'UNE TECHNIQUE D'APPRENTISSAGE MACHINE**
[72] SCHIBLER, ROSS, US
[72] NICKOLOV, PETER, US
[72] QUINTERO, STEPHEN, US
[71] DATAGRID SYSTEMS, INC., US
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[54] **DETECTING SURFACE CHARACTERISTICS OF FOOD OBJECTS**
[54] **DETECTION DE CARACTERISTIQUES DE SURFACE D'OBJETS ALIMENTAIRES**
[72] KROG, CARSTEN, DK
[71] MAREL SALMON A/S, DK
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[54] **APPARATUS AND METHODS FOR GAS SAMPLING CONTAINERS**
[54] **APPAREIL ET PROCEDES POUR RECIPIENTS D'ECHANTILLONNAGE DE GAZ**
[72] COLEMAN, TODD, US
[71] COLEMAN, TODD, US
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[54] **VENTILATION SYSTEM WITH AUTOMATIC FLOW BALANCING DERIVED FROM NEURAL NETWORK AND METHODS OF USE**
[54] **SYSTEME DE VENTILATION A EQUILIBRAGE AUTOMATIQUE DE FLUX DERIVE D'UN RESEAU DE NEURONES ARTIFICIELS ET PROCEDES D'UTILISATION**
[72] BLANCHARD, SIMON, US
[71] BROAN-NUTONE LLC, US
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[54] **TREATMENT OF STAGE III NSCLC AND MITIGATION OF PATHOLOGICAL CONDITIONS ASSOCIATED WITH THE TREATMENT**
[54] **TRAITEMENT DU CANCER BRONCHIQUE NON A PETITES CELLULES AU STADE III ET ATTENUATION D'ETATS PATHOLOGIQUES ASSOCIES AU TRAITEMENT**
[72] DUSSAULT, ISABELLE, US
[72] GRENGA, ITALIA, US
[72] VUGMEYSTER, YULIA, US
[72] KHANDELWAL, AKASH, DE
[72] CHRISTENSEN, OLAF, US
[72] EL BAWAB, SAMER, DE
[72] LAN, YAN, US
[71] MERCK PATENT GMBH, DE
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[54] **STRATIFIES ETIRABLES POLYDIMENSIONNELS**
[72] MUSLET, IYAD, US
[71] BERRY GLOBAL, INC., US
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[54] **ENSEMBLE MASQUE FACIAL**
[72] GERSON, RONALD L., US
[72] LAPOINTE, PIERRE, US
[71] LOUIS M. GERSON CO., INC., US
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[54] **CUT VERTEX METHOD FOR IDENTIFYING COMPLEX MOLECULE SUBSTRUCTURES**
[54] **PROCEDE DE SOMMET COUPE PERMETTANT D'IDENTIFIER DES SOUS-STRUCTURES DE MOLECULES COMPLEXES**
[72] FRIDMAN, ARTHUR, US
[72] BAGCHI, ANSUMAN, US
[72] YU, XIANG, US
[72] CANCILLA, MARK, US
[71] MERCK SHARP & DOHME CORP., US
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[54] **A POLYMER HOUSING FOR A RECESSED LIGHTING SYSTEM AND METHODS FOR USING SAME**
[54] **BOITIER POLYMERE POUR UN SYSTEME D'ECLAIRAGE ENCASTRE ET SES PROCEDES D'UTILISATION**
[72] DANESH, MICHAEL D., US
[72] LOTFI, AMIR, US
[72] NIKOOYAN, ALI A., US
[71] DMF, INC., US
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[72] FRENNE, MATTIAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **CONJUGUES ANTICORPS-OLIGONUCLEOTIDE**
[72] JAMINET, PAUL A., US
[72] JAMINET, SHOU-CHING S., US
[72] HA, EDWARD, US
[71] ANGIEX, INC., US
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[86] 2019-06-12 (PCT/US2019/036836)
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[54] **BLOCK CHAIN WITH MONOLITHIC LINKS**
[54] **CHAINE DE BLOC A LIAISONS MONOLITHIQUES**
[72] ADAMS, JR., ROBERT C., US
[72] BUELL, STEVEN E., US
[71] SERAPID, INC., US
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[54] **UTILISATION DE MIR-92A OU MIR-145 DANS LE TRAITEMENT DU SYNDROME D'ANGELMAN**
[72] DURING, MATTHEW, US
[71] OVID THERAPEUTICS INC., US
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[54] **METHODE ET SYSTEME DE PREPARATION D'ECHANTILLON**
[72] JOST, MATTHIAS, US
[72] EATON, BARBARA L., US
[72] SHAH, ANKUR, US
[71] GEN-PROBE INCORPORATED, US
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[54] **CORNEE ARTIFICIELLE**
[72] BALAJI, GOPALAN V., US
[72] SINGH, ANURAAG, US
[72] SCHMIEDEL, THOMAS B., US
[72] AKPEK, ESEN K., US
[71] W. L. GORE & ASSOCIATES, INC., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **RELARGAGE PROGRESSIF DE CHAINES POLYMERES EN MILIEU LIQUIDE**
[72] LABARRE, DOMINIQUE, FR
[72] WILSON, JAMES, FR
[71] RHODIA OPERATIONS, FR
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[54] **BIOMATERIAU MICROPOREUX D'EPITHELIALISATION DESTINE A ETRE UTILISE DANS DES ENVIRONNEMENTS AVASCULAIRES ET DANS DES IMPLANTS CORNEENS**
[72] BALAJI, GOPALAN V., US
[72] FISCHER, PAUL J., US
[72] SCHMIEDEL, THOMAS B., US
[72] SINGH, ANURAAG, US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **WIRELESS IONTOPHORESIS PATCH AND CONTROLLER**
[54] **TIMBRE D'IONTOPHORESE SANS FIL ET DISPOSITIF DE COMMANDE**
[72] SABIEV, ANTON, US
[72] BAUMAN, WILLIAM, US
[72] KORSTEN, MARK, US
[71] SABIEV, ANTON, US
[71] BAUMAN, WILLIAM, US
[71] KORSTEN, MARK, US
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[30] US (62/685,162) 2018-06-14

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[25] EN
[54] **SHIPPING SYSTEM FOR STORING AND/OR TRANSPORTING TEMPERATURE-SENSITIVE MATERIALS**
[54] **SYSTEME D'EXPEDITION PERMETTANT DE STOCKER ET/OU DE TRANSPORTER DES MATERIAUX SENSIBLES A LA TEMPERATURE**
[72] LEE, TZEHO, US
[72] LEDFORD, BENNY JOE, US
[72] SKOCYPEC, BRIAN PAUL, US
[72] CONSIGLIO, JOSEPH F., US
[71] COLD CHAIN TECHNOLOGIES, LLC, US
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[54] **LIAISONS SENSIBLES A L'APPLICATION**
[72] HUANG, CHIH-TSUNG, US
[72] HUANG, WEI-JEN, US
[71] CISCO TECHNOLOGY, INC., US
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[54] **ATTRIBUTION AUTOMATIQUE D'HYBRIDES OU DE SEMENCES A DES CHAMPS A DES FINS DE PLANTATION**
[72] REICH, TIMOTHY, US
[72] YANG, XIAO, US
[72] EHLMANN, TONYA, US
[72] BULL, JASON, US
[72] XIE, YAO, US
[72] SHAH, NIKISHA, US
[72] SORGE, MATTHEW, US
[71] THE CLIMATE CORPORATION, US
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[54] **SYSTEMS AND METHODS FOR AUTOMATING CUSTOMER INTERACTIONS WITH ENTERPRISES**
[54] **SYSTEMES ET PROCEDES D'AUTOMATISATION D'INTERACTIONS CLIENT AVEC DES ENTREPRISES**
[72] KONIG, YOCHAI, US
[72] HARLEV, RON, US
[72] VILLALOBOS, JAVIER, US
[72] HVEZDA, JAMES, CA
[72] SEKAR, ARCHANA, IN
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2020-12-09
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[54] **METHOD OF PREPARING HIGH CHIRAL PURITY LACTAM INTERMEDIATE AND BRIVARACETAM**
[54] **PROCEDE DE PREPARATION D'UN INTERMEDIAIRE DE LACTAME ET DE BRIVARACETAM DE HAUTE PURETE CHIRALE**
[72] YU, ZHENPENG, CN
[72] XIAO, FEI, CN
[72] WANG, GUOPING, CN
[72] QI, SHUXIAN, CN
[72] GAO, HE, CN
[71] YANGZHOU AORUITE PHARMACEUTICAL CO., LTD., CN
[71] YANGZHOU LIANAO BIOMEDICAL CO., LTD., CN
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[54] **AGRAFE DE SUTURE**
[72] MIRAKI, MANOUCHEHR A., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **RAPAMYCIN ANALOGS AND USES THEREOF**
[54] **ANALOGUES DE LA RAPAMYCINE ET LEURS UTILISATIONS**
[72] SAIAH, EDDINE, US
[72] O'NEILL, DAVID JOHN, US
[72] KANG, SEONG WOO ANTHONY, US
[71] NAVITOR PHARMACEUTICALS, INC., US
[85] 2020-12-09
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[54] **SYSTEM AND METHOD FOR NATURAL TASKING OF ONE OR MORE ROBOTS**
[54] **SYSTEME ET PROCEDE POUR ATTRIBUTION DE TACHE NATURELLE D'UN OU DE PLUSIEURS ROBOTS**
[72] LIMONE, BRETT L., US
[72] KEESLING, JUSTIN C., US
[72] PHOLSIRI, CHALONGRATH, US
[72] ENGLISH, JAMES D., US
[72] CHANG, CHU-YIN, US
[71] TERADYNE, INC., US
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[54] **FLOW CELL SYSTEMS AND METHODS RELATED TO SAME**
[54] **SYSTEMES DE CELLULES D'ECOULEMENT ET PROCEDES ASSOCIES**
[72] RIVAL, ARNAUD, US
[72] AGAH, ALI, US
[72] DEHLINGER, DIETRICH, US
[72] FUNG, TRACY H., US
[72] CAI, XIUYU, US
[71] ILLUMINA, INC., US
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[54] **BLOWING AGENT BLENDS**
[54] **MELANGES D'AGENTS GONFLANTS**
[72] KONTOMARIS, KONSTANTINOS, US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2020-12-09
[86] 2019-07-11 (PCT/US2019/041284)
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[54] **PD-1/PD-L1 INHIBITORS**
[54] **INHIBITEURS DE PD-1/PD-L1**
[72] AKTOUDIANAKIS, EVANGELOS, US
[72] CHO, AESOP, US
[72] GRAUPE, MICHAEL, US
[72] LAD, LATESHKUMAR THAKORLAL, US
[72] MACHICAO TELLO, PAULO A., US
[72] MEDLEY, JONATHAN WILLIAM, US
[72] METOBO, SAMUEL E., US
[72] NADUTHAMBI, DEVAN, US
[72] PHILLIPS, BARTON W. (DECEASED), US
[72] SIMONOVICH, SCOTT PRESTON, US
[72] WANG, PEIYUAN, US
[72] WATKINS, WILLIAM J., US
[72] XU, JIE, US
[72] YANG, KIN SHING, US
[72] ZIEBENHAUS, CHRISTOPHER ALLEN, US
[71] GILEAD SCIENCES, INC., US
[85] 2020-12-09
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[54] **RESIN COMPOSITION AND FLOW CELLS INCORPORATING THE SAME**
[54] **COMPOSITION DE RESINE ET CUVES A CIRCULATION LA CONTENANT**
[72] MERKEL, TIMOTHY J., US
[72] GEORGE, WAYNE N., GB
[72] BROWN, ANDREW A., GB
[72] ZAK, AUDREY, US
[72] ARTIOLI, GIANLUCA ANDREA, GB
[72] MORRISON, JULIA, GB
[72] ROMANOV, NIKOLAI, GB
[72] BERTI, LORENZO, US
[72] BOUD, GRAHAM, US
[71] ILLUMINA, INC., US
[71] ILLUMINA CAMBRIDGE LIMITED, GB
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[54] **METHOD AND ASSEMBLY FOR INTERVENTION IN A RADIOACTIVE ZONE**
[54] **PROCEDE ET ENSEMBLE D'INTERVENTION DANS UNE ZONE RADIOACTIVE**
[72] PONS, GUILLAUME, FR
[72] GREMBER, FRANCK, FR
[72] CASTELEIRA, AUDREY, FR
[71] FRAMATOME, FR
[85] 2020-12-09
[86] 2019-06-20 (PCT/EP2019/066405)
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[54] **FILTER CARTRIDGE AND/OR MULTIPLE-DIAMETER MULTIPLE STAGE FILTER COALESCER SEPARATOR**
[54] **CARTOUCHE FILTRANTE ET/OU SEPARATEUR COALESCEUR DE FILTRE A PLUSIEURS ETAGES A DIAMETRE MULTIPLE**
[72] BURNS, JACK DAVID, US
[72] JEANE, STEPHEN, US
[72] DYE, ANDREW, US
[72] STEVENS, JEREMY, US
[71] PARKER-HANNIFIN CORPORATION, US
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[54] **TEMPERATURE-CONTROLLABLE REAGENT CARTRIDGE AND TEMPERATURE CONTROL SYSTEM FOR THE SAME**
[54] **CARTOUCHES DE REACTIF POUVANT ETRE COMMANDEES EN TEMPERATURE ET SYSTEMES DE REGULATION DE LA TEMPERATURE DANS DE TELLES CARTOUCHES DE REACTIF**
[72] KUMAR, ASHISH, US
[72] FESTINI, KEVIN MICHAEL, US
[72] RAO, VENKATESH MYSORE NAGARAJA, SG
[72] WILLIAMSON, ERIK LEWIS, US
[71] ILLUMINA, INC., US
[71] ILLUMINA SINGAPORE PTE. LTD., SG
[85] 2020-12-09
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[54] **CHARACTERISTICS OF TUNABLE ADSORBENTS FOR RATE SELECTIVE SEPARATION OF NITROGEN FROM METHANE**
[54] **CARACTERISTIQUES D'ADSORBANTS ACCORDABLES POUR LA SEPARATION SELECTIVE D'AZOTE A PARTIR DE METHANE**
[72] STUCKERT, NICHOLAS R., US
[72] STEPHENSON, NEIL A., US
[72] BARRETT, PHILIP A., US
[72] PONTONIO, STEVEN J., US
[71] PRAXAIR TECHNOLOGY, INC., US
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[54] **APPARATUS AND METHOD FOR INSTALLING AND REPLACING LIGHT FIXTURE DEVICES**
[54] **APPAREIL ET PROCEDE DESTINES A INSTALLER ET REMPLACER DES DISPOSITIFS D'APPAREIL D'ECLAIRAGE**
[72] FADEI, ADRIAN-VALENTIN, CA
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
[85] 2020-12-09
[86] 2019-08-20 (PCT/US2019/047212)
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[54] **REPLACEMENT MITRAL VALVES**
[54] **VALVES MITRALES DE REMPLACEMENT**
[72] NOE, SPENCER, US
[72] WALLACE, DAN, US
[72] OAKDEN, JONATHAN, US
[71] CEPHEA VALVE TECHNOLOGIES, INC., US
[85] 2020-12-09
[86] 2019-06-18 (PCT/US2019/037729)
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[30] US (16/012,666) 2018-06-19

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[25] EN
[54] **FLOW CELLS AND METHODS RELATED TO SAME**
[54] **CELLULES A CIRCULATION ET PROCEDES ASSOCIES**
[72] RIVAL, ARNAUD, US
[72] AGAH, ALI, US
[72] FUNG, TRACY H., US
[72] DEHLINGER, DIETRICH, US
[72] SABOUNCHI, POORYA, US
[72] KHURANA, TARUN, US
[72] CIESLA, CRAIG M., US
[72] BOWEN, M. SHANE, US
[71] ILLUMINA, INC., US
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[54] **SENSING SYSTEMS**
[54] **SYSTEMES DE DETECTION**
[72] BOYANOV, BOYAN, US
[72] PEISAJOVICH, SERGIO, US
[72] MANDELL, JEFFREY G., US
[71] ILLUMINA, INC., US
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[54] **SYSTEMS AND METHODS FOR GROUPING AND COLLAPSING SEQUENCING READS**
[54] **SYSTEMES ET PROCEDES DE REGROUPEMENT ET DE REDUCTION DE LECTURES DE SEQUENCAGE**
[72] ZHAO, CHEN, US
[72] WU, KEVIN ERIC, US
[72] BILKE, SVEN, US
[71] ILLUMINA, INC., US
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[51] **Int.Cl. G06F 1/16 (2006.01) G06F 3/14 (2006.01)**
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[54] **ATTACHABLE DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE POUVANT ETRE FIXE**
[72] HUDGINS, EDWARDS TYLER, US
[72] PLANCHE, ANTOINE, US
[72] FREEMAN, SCOTT ALEXANDER, US
[72] VATIS, WILLIAM MARCUS, US
[71] STAND STEADY COMPANY, LLC, US
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[54] **A DIPPER ASSEMBLY AND PARTS THEREOF**
[54] **ENSEMBLE BENNE DE PELLE ET PARTIES DE CELUI-CI**
[72] MOUNSEY, STEPHEN JOHN, AU
[72] HAMPSON, BRETT ASHLEY, AU
[71] MAINETEC PTY LTD, AU
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[51] **Int.Cl. B65D 35/50 (2006.01) B65D 47/22 (2006.01)**
[25] EN
[54] **DISPENSER DEVICE WITHOUT AIR INTAKE FOR APPLICATOR NOZZLES FOR VARIOUS TYPES OF FLEXIBLE PACKAGING.**
[54] **DISPOSITIF DE DISTRIBUTION SANS ENTREE D'AIR POUR EMBOUTS APPLICATEURS D'EMBALLAGES SOUPLES DIVERS**
[72] ZEMBROD, ERIC, BR
[71] ZEMBROD, ERIC, BR
[85] 2020-12-10
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[25] EN
[54] **INTEGRATED ELECTRODE MAINTENANCE FOR ROBOTIC WELDING CELL**
[54] **MAINTENANCE D'ELECTRODE INTEGREE DESTINEE A UNE CELLULE DE SOUDAGE ROBOTIQUE**
[72] SIMONE, DAVID M., CA
[72] VANDERZWET, DANIEL P., CA
[72] BROWN, PHILIP W., CA
[71] DOBEN LIMITED, CA
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[54] **NETWORK CONFIGURATION METHOD AND COMMUNICATIONS APPARATUS**
[54] **PROCEDE DE CONFIGURATION DE RESEAU ET DISPOSITIF DE COMMUNICATION**
[72] LI, HUAN, CN
[72] JIN, WEISHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-12-08
[86] 2019-06-05 (PCT/CN2019/090066)
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[54] **VEHICLES AND DELIVERY SYSTEMS FOR OXIDIZING AGENTS**
[54] **VEHICULES ET SYSTEMES DE DISTRIBUTION D'AGENTS OXYDANTS**
[72] SPINA, CARLA JEHAN CATHERINE, CA
[72] ALFONZO, JOHANNY ELIZABETH NOTARANDREA, CA
[71] EXCITON PHARMA CORP., CA
[85] 2020-12-10
[86] 2018-07-26 (PCT/CA2018/050907)
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[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **INFORMATION TRANSMISSION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE**
[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS, DISPOSITIF TERMINAL ET DISPOSITIF DE RESEAU**
[72] ZHAO, YUE, CN
[72] YU, ZHENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[51] **Int.Cl. H04L 12/26 (2006.01) G06F 16/951 (2019.01) H04L 12/16 (2006.01)**
[25] EN
[54] **MULTI-SOURCE DATA ANALYTICS SYSTEM, DATA MANAGER AND RELATED METHODS**
[54] **SYSTEME D'ANALYSE DE DONNEES MULTI-SOURCES, GESTIONNAIRE DE DONNEES ET PROCEDES ASSOCIES**
[72] NGUYEN, JENNIFER, CA
[72] O'NEILL, MICHAEL, CA
[71] THE GLOBE AND MAIL INC., CA
[85] 2020-12-10
[86] 2019-05-24 (PCT/CA2019/050712)
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[30] US (16/007,574) 2018-06-13

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[25] EN
[54] **EDUCATIONAL DELIVERY PLATFORM**
[54] **PLATEFORME DE MISE A DISPOSITION DE CONTENU EDUCATIF**
[72] IMPERIO, LIZ, US
[72] CARLBERG, CHAD, US
[71] IMPERIO, LIZ, US
[71] CARLBERG, CHAD, US
[85] 2020-12-08
[86] 2019-06-08 (PCT/US2019/036188)
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[54] **SYSTEM AND PROCESS FOR ELECTRONIC PAYMENTS**
[54] **SYSTEME ET PROCEDE DE PAIEMENTS ELECTRONIQUES**
[72] CHAN, BRIAN, CA
[72] ARSHAD, KASHIF, CA
[72] POON, PETER HING-CHEONG, CA
[72] PAL, VIKRAM, CA
[71] BANK OF MONTREAL, CA
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[54] **PROCEDE ET PROCESSUS D'AMELIORATION DE LA QUALITE AU MOYEN D'UNE MISE EN COOPERATION OPTIMALE D'UN PROCEDE ET D'UN PROCESSUS DE SECHAGE ET DE SEPARATION A SEC DE CHARBON BRUN**
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[72] ZHANG, YADONG, CN
[72] ZHAO, YUEMIN, CN
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[72] LUO, ZHENFU, CN
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[54] **COMPOSE ET SON UTILISATION DANS LA SYNTHESE D'INTERMEDIAIRE DE BRIVARACETAM ET DE MEDICAMENT BRUT**
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[72] WANG, RUYONG, CN
[72] YE, YIZHANG, CN
[72] ZHANG, FENGSEN, CN
[72] GONG, XUAN, CN
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[72] YU, HONGPING, CN
[72] CHEN, ZHUI, CN
[72] XU, YAOCHANG, CN
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[72] YU, DAWEI, CN
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[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] STELLJES, MICHAEL GOMER, US
[72] SUER, MICHAEL DONALD, US
[72] KLAWITTER, TIMOTHY JAMES, US
[72] DENBOW, JAMES ROY, US
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[72] CARGNELLI, JOSEPH, CA
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[54] **SYSTEME ET PROCEDE DE VERIFICATION LOGISTIQUE**
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[54] **DIAGNOSTIC ET PRONOSTIC D'UNE PNEUMONIE INTERSTITIELLE IDIOPATHIQUE AU MOYEN DU SNP RS35705950 DANS LE PROMOTEUR DE GENE MUC5B**
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[72] SEIBOLD, MAX, US
[71] NATIONAL JEWISH HEALTH, US
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[54] **PROCEDES, DISPOSITIFS ET SYSTEMES POUR LA GESTION DE SURVEILLANCE D'ANALYTE**
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[71] ABBOTT DIABETES CARE, INC., US
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[54] **METHODE DE FORMAGE D`UN PRODUIT DE FORME TRIDIMENSIONNELLE**
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[71] MATSUURA MACHINERY CORPORATION, JP
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[54] **METHOD FOR DETERMINING RESERVED TONES AND TRANSMITTER FOR PERFORMING PAPR REDUCTION USING TONE RESERVATION**
[54] **PROCEDE POUR DETERMINER DES TONALITES RESERVEES, ET EMETTEUR POUR EXECUTER UNE REDUCTION DE PAPR AU MOYEN D'UNE RESERVATION DE TONALITE**
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[72] LEE, HAK-JU, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PROCEDE POUR DETERMINER DES TONALITES RESERVEES, ET EMETTEUR POUR EXECUTER UNE REDUCTION DE PAPR AU MOYEN D'UNE RESERVATION DE TONALITE**
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[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PROCEDE ET APPAREIL DE GENERATION D'UNE IMAGE VIRTUELLE A PARTIR D'UN POINT DE VUE SELECTIONNE PAR L'UTILISATEUR, A PARTIR D'UN RESEAU D'APPAREILS DE PRISE DE VUES A TRANSMISSION D'IMAGES DE PREMIER PLAN ET D'ARRIERE-PLAN A DES FREQUENCES D'IMAGES DIFFERENTES**
[72] YANO, TOMOHIRO, JP
[72] HANDA, MASAHIRO, JP
[72] AIZAWA, MICHIO, JP
[72] MIZUNO, SHOGO, JP
[72] TANAKA, KATSUMASA, JP
[72] MATSUSHITA, AKIHIRO, JP
[72] MORISAWA, KEISUKE, JP
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[72] EARNEY, JOHN GERHARDT, US
[72] FULLERTON, JUSTIN, US
[72] SMITH, KALEB, US
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[54] **PROCEDES D'ADMINISTRATION PAR VOIE INTRAVEINEUSE DE GLYBURIDE ET AUTRES MEDICAMENTS**
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[54] **PROCEDE DE PRODUCTION D'UNE SPIRALE FROMAGERE ET DISPOSITIF D'ENROULEMENT POUR UNE TELLE PRODUCTION**
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[72] GODOY, JUAN, FR
[71] BEL, FR
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[54] **WEED SEED DESTRUCTION WITH ROTOR AND STATOR WHERE THE DISCHARGE IS AXIALLY SPACED FROM THE INLET**
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[72] SCHUKAI, ROBERT JOSEPH, US
[72] MANUEL, SCOTT RYAN, US
[72] PIERLEONI, MARCO, GB
[72] THOMAS, JASON A., US
[71] FINANCIAL & RISK ORGANISATION LIMITED, GB
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[54] **COMBINAISON MEDICAMENTEUSE COMPRENANT DE L'IL-12 ET UN AGENT DE BLOCAGE DE MOLECULES INHIBITRICES DES LYMPHOCYTES T POUR UNE THERAPIE ANTI-TUMORALE**
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[72] VOM BERG, JOHANNES, CH
[71] UNIVERSITAT ZURICH PROREKTORAT MNW, CH
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[71] PARAFFINUSA, LLC, US
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[54] **ADJUSTABLE TABLE APPARATUS AND METHOD**
[54]
[72] WILLIAMSON, SCOTT GERALD, US
[72] CONWAY, BENJAMIN ST. MANE, US
[72] VON DER HEIDE, MARK, GB
[72] HERRERA, JORGE ENRIQUE RAMOS, GB
[72] LAWRENCE, JAMES, GB
[71] HALCON INC., US
[22] 2012-06-01
[41] 2012-12-02
[62] 2,778,628
[30] US (13/151,851) 2011-06-02

[21] **3,101,883**
[13] A1
[25] EN
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[72] NEVEN, HARTMUT, US
[71] GOOGLE LLC, US
[22] 2016-12-19
[41] 2017-12-07
[62] 3,026,443
[30] US (15/171,778) 2016-06-02

[21] **3,101,886**
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[25] EN
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[72] HARRIS, GEORGE G., US
[72] REGAN, MICHAEL THOMAS, US
[71] E INK CORPORATION, US
[22] 2017-11-03
[41] 2019-05-09
[62] 3,074,728

[21] **3,101,888**
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[25] EN
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[72] RUDE, MATTHEW, US
[72] BRUBAKER, SHANE, US
[72] SCHIRMER, ANDREAS, US
[71] REG LIFE SCIENCES, LLC, US
[22] 2009-05-18
[41] 2009-11-19
[62] 2,722,441
[30] US (61/053,955) 2008-05-16

[21] **3,101,901**
[13] A1
[25] EN
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[72] SANDER, ELIZABETH J., US
[72] WONG, KIAN-MING, US
[72] DHILLON, BRAHAM K., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2016-03-23
[41] 2017-09-28
[62] 3,014,284

[21] **3,101,903**
[13] A1
[25] EN
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[72] KIM, SUN-MIN, KR
[72] JO, HYUN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2015-03-24
[41] 2015-10-01
[62] 2,943,670
[30] US (61/969,357) 2014-03-24

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[21] **3,102,008**
[13] A1
[25] EN
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[72] NOVOBRANTSEVA, TATIANA, US
[72] SEHGAL, ALFICA, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[22] 2011-06-02
[41] 2011-12-08
[62] 2,801,066
[30] US (61/350,829) 2010-06-02
[30] US (61/371,481) 2010-08-06
[30] US (61/408,271) 2010-10-29

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[21] **3,102,626**
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[51] **Int.Cl. A47K 5/06 (2006.01) B67D 7/58 (2010.01) A47K 5/09 (2006.01) A47K 5/12 (2006.01)**
[25] EN
[54] **PUMP ASSEMBLY CARRYING RASP**
[54] **RUGINE PORTEUSE D'UN MECANISME DE POMPE**
[72] OPHARDT, HEINER, CH
[72] JONES, ANDREW, CA
[72] SHI, ZHENCHUN, CA
[71] OP-HYGIENE IP GMBH, CH
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[41] 2016-02-29
[62] 2,861,544

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[21] **3,103,121**
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[51] **Int.Cl. A24F 3/00 (2006.01) A24F 1/32 (2006.01) A24F 5/00 (2006.01)**
[25] EN
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[72] FOLEY, CAMDEN LEE, US
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[41] 2020-11-28
[30] US (62/853,570) 2019-05-28

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MAHONY, JAMES BENSON 3,102,642
MAINETEC PTY LTD 3,103,300
MAJEED, MUHAMMED 3,103,127
MALEGAONKAR, ASHUTOSH ARWIND 3,103,237
MALLET, JEAN-MAURICE 3,103,181
MALM, MATTIAS 3,103,215
MAMAK, MARC ANDREW 3,102,383
MANCINI, MICHELE 3,103,218
MANDELL, JEFFREY G. 3,103,296
MANGIARACINA, ANTHONY 3,102,768
MANION, JOHNATHAN D. 3,102,945
MANION, JOHNATHAN D. 3,102,946
MANION, JOHNATHAN D. 3,102,949
MANN, WILLIAM H. 3,103,232
MANNER, JUKKA 3,102,900
MANNKIND CORPORATION 3,102,967
MANTEAU, BAPTISTE 3,102,326
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MAOR, IDO (DECEASED) 3,103,225
MARCOS, ENRIQUE 3,102,653
MAREL SALMON A/S 3,103,239
MARINAS PARDO, LUIS 3,103,043
MARIOTTI, MASSIMILIANO 3,103,026
MARNIQUET, XAVIER 3,102,182
MARQUANT, RODRIGUE 3,103,181
MARTIN, KEN 3,103,172
MARTINEZ LAMENCA, CAROLINA 3,103,048
MARTINEZ LAMENCA, CAROLINA 3,103,049
MARTINOS, IOANNIS 3,102,332
MARTINS, AGOSTINHO 3,102,953
MASON, MARK O. 3,103,170
MASON, MICHAEL 3,102,884
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,102,885
MATEK MEDIKAL AYGITLAR TEKNOLOJI SANAYI VE TICARET ANONIM SIRKETI 3,102,928
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MATHIOWETZ, ALAN M. 3,103,051
MATHUR, VANDANA 3,102,765
MATSUDA, YUTAKA 3,103,151
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MAURYA, SHASHIKANT 3,102,780
MAXON INDUSTRIES, INC. 3,102,769
MAYER, STANISLAS 3,102,326
MAZAR, ANDREW 3,102,555
MCCANLESS, JONATHAN D. 3,102,945
MCCANLESS, JONATHAN D. 3,102,946
MCCANLESS, JONATHAN D. 3,102,949
MCGUINESS, MARK J. 3,102,941
MCKEOWN, GAVIN M. 3,102,771
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MEERSSCHAERT, REINHARD 3,102,867
MEEUWS, GERARDUS JOHANNES JOZEF MARIA 3,103,208
MEEUWS-ABEN, CORNELIA HENRICA PETRONELLA MARIA 3,103,208
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MEHTA, NAVEEN 3,102,562
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MERCK SHARP & DOHME CORP. 3,103,253
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MEYER, THORSTEN 3,102,914
MEYER, TORSTEN 3,102,929
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MICHAELSON, JENNIFER 3,102,562
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MIDHA, SANJEEV 3,102,893
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MITCHELL, STEVEN T. 3,102,945
MITCHELL, STEVEN T. 3,102,946
MITCHELL, STEVEN T. 3,102,949
MITSUBISHI POWER, LTD. 3,103,195
MITSUBOSHI BELTING LTD. 3,103,156
MIYAJIMA, SHUNJI 3,103,095
MIZKAN HOLDINGS CO., LTD. 3,103,083
MIZUNO, HAJIME 3,103,200
MOCHIDA PHARMACEUTICAL CO., LTD. 3,103,227
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MODIANO, STEVEN H. 3,103,221
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MONFORT, GUY 3,102,180
MONTEGUT, JULIE 3,102,182
MONTEL-HAGEN, AMELIE 3,102,801
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MOREAS, GENEVIEVE 3,102,180
MOREAU, ADRIEN 3,103,033
MORENO, ANDRE LUIZ 3,102,644
MORENO, ANDRE LUIZ 3,102,648
MORICOLI, DIEGO 3,102,744
MORIMOTO, TAKASHI 3,103,156
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MORRISON, MICHAEL L. 3,102,792
MORTON, JOSHUA 3,102,798
MOUNSEY, STEPHEN JOHN 3,103,300
MOUSAVI BAFROOEI, PEDRAM 3,102,830
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MULDER, IMKE ELISABETH 3,103,161
MUNJ, HRISHIKESH R. 3,103,015
MUNOZ-OLAYA, JOSE 3,103,173
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MURPHY, BRIAN P. 3,102,813
MURPHY, BRIAN P. 3,102,816
MURPHY, BRIAN P. 3,102,819
MURPHY, BRIAN P. 3,102,820
MURPHY, BRIAN P. 3,102,844
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NAGABHUSHANAM, KALYANAM 3,103,127
NAGATA, SATOSHI 3,102,788
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NAGIBIN, GENNADIJ EFIMOVICH 3,102,752
NAHAMOO, DAVID 3,103,149
NAHAVANDI, KUROSH 3,102,981
NAJORKA, LARS 3,102,662
NALEPA, ANNA-MARIA 3,102,825
NAN, HELENA MARIA 3,102,881
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NARAYANAN, ESHWARAN 3,102,815
NARUMI, TOMOHIRO 3,103,227
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NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY 3,103,081
NAVARRO, MARTIN ALSINA 3,102,644
NAVARRO, MARTIN ALSINA 3,102,648
NAVEH, ARIEL 3,103,075
NAVITOR PHARMACEUTICALS, INC. 3,103,282
NEAL, OLIVER JUSTIN 3,103,063
NEILL, CHARLES 3,102,866
NELLES, DAVID A. 3,102,779
NELLES, DAVID A. 3,102,783
NEPICKS, JOHANNES 3,102,652
NESGAARD, CARSTEN 3,102,697
NETA, YIFTAH 3,103,224
NEUFARTH, BRADLEY SCOTT 3,102,383
NEUSS, JUDI CHARLOTTE 3,103,052
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NEWTON, CHRISTOPHER 3,103,126
NEY, PATRICK 3,102,954
NGUYEN, HIEN 3,102,368
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NGUYEN, TUAN 3,102,945
NGUYEN, TUAN 3,102,946
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NICKOLOV, PETER 3,103,238
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NICOVENTURES TRADING LIMITED 3,102,687
NICOVENTURES TRADING LIMITED 3,102,926
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NILSSON, JOHAN 3,102,894
NILSSON, JOHAN 3,102,896
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NOE, SPENCER 3,103,294
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NOLKE, CHRISTIAN 3,103,041
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NOURRISSON, DIDIER 3,103,207
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NOVA CHEMICALS CORPORATION 3,102,597
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NOVOCURE GMBH 3,103,075
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NTN CORPORATION 3,103,198
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NXP AERONAUTICS RESEARCH, LLC 3,103,192
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O'BRIEN, GARETH 3,102,915
O'CONNOR, COLIN 3,102,813
O'CONNOR, COLIN 3,102,816
O'CONNOR, COLIN 3,102,819
O'CONNOR, COLIN 3,102,820
O'CONNOR, COLIN 3,102,844
O'CONNOR, COLIN 3,102,845
O'NEILL, DAVID JOHN 3,103,282
O'NEILL, MICHAEL 3,102,174
O'NEILL, MICHAEL 3,103,311
OAKDEN, JONATHAN 3,103,294
OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR" 3,102,752
OBST SANDER, ULRIKE 3,103,166
OCHIAI, SHINICHIRO 3,102,986
OCHS-ROSS, RACHEL 3,086,478
OEHLRICH, DANIEL 3,103,048
OEHLRICH, DANIEL 3,103,049
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OGASAWARA, SATOSHI 3,103,081
OHARA, SHUNSUKE 3,103,081
OHIO STATE INNOVATION FOUNDATION 3,102,762
OIL&GAS METERING EQUIPMENT S.R.O. 3,102,753
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ORBIS INTELLIGENT SYSTEMS, INC. 3,102,778
ORLOV, ANTON SERGEEVICH 3,102,752
ORTEGA, ALBERT 3,102,787
ORTEGA, JEAN-MARC 3,102,322
ORTEGA, JEAN-MARC 3,102,323
OSBORN, SCOTT E. 3,102,787
OSBORNE, DAVID W. 3,102,689
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OSKAMP, JURGEN 3,102,867
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OSTEOPHILE LTD. 3,102,754
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OVID THERAPEUTICS INC. 3,103,267
OXFORD UNIVERSITY INNOVATION LIMITED 3,102,743
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PAATSILA, TOMI 3,102,900
PACE, CRAIG S. 3,102,859
PACE, LOUIS 3,102,945
PACE, LOUIS 3,102,946
PACE, LOUIS 3,102,949
PACE, SERGIO 3,103,071
PACE, SERGIO 3,103,206
PACHHA, RANJIT 3,103,059
PAL, VIKRAM 3,103,315
PAN, ZHIGUO 3,102,831
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PANDEY, ANJALI 3,103,127
PARK, PAUL M. 3,102,856
PARK, SUNG-HO 3,103,160
PARKER-HANNIFIN CORPORATION 3,103,289
PARMAR, RUBINA 3,102,950
PARTAIN, NICK 3,102,798
PARTLOW, JOE 3,102,810
PARTLOW, JOE 3,102,813
PARTLOW, JOE 3,102,816
PARTLOW, JOE 3,102,819
PARTLOW, JOE 3,102,820
PARTLOW, JOE 3,102,844
PARTLOW, JOE 3,102,845
PASCHOPOULOS, ROUSSOS 3,102,332
PASQUERO, JEROME 3,103,322
PATEL, BHARAT 3,102,959
PATEL, DHARMENDRA 3,102,945
PATEL, DHARMENDRA 3,102,946
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PATEL, RAJEN M. 3,103,015
PATTON, RUSSELL DOUGLAS 3,102,800
PAULEAT, AURELIEN 3,103,033
PAULESSEN, GEORG 3,102,652
PBP FAST-TRACK BUILDING TECHNOLOGIES SARL 3,102,330
PEARSON, MICHAEL GEORGE 3,102,824
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PFEIFFER, JASON 3,102,813
PFEIFFER, JASON 3,102,816
PFEIFFER, JASON 3,102,819
PFEIFFER, JASON 3,102,820
PFEIFFER, JASON 3,102,844
PFEIFFER, JASON 3,102,845
PFIZER INC. 3,103,051
PHAGELUX CANADA INC. 3,096,783
PHILLIP, CARTER W. 3,102,945
PHILLIP, CARTER W. 3,102,946
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QI, JUN 3,102,856
QI, SHUXIAN 3,103,280
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RELIAQUEST HOLDINGS, LLC 3,102,813
RELIAQUEST HOLDINGS, LLC 3,102,816
RELIAQUEST HOLDINGS, LLC 3,102,819
RELIAQUEST HOLDINGS, LLC 3,102,820
RELIAQUEST HOLDINGS, LLC 3,102,844
RELIAQUEST HOLDINGS, LLC 3,102,845
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REMOY, JACK E. 3,102,764
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RIGAUD, JEROME 3,102,323
RIJKEN, TOBIAS 3,102,174
RIVAL, ARNAUD 3,103,284
RIVAL, ARNAUD 3,103,295
RIVERS, DEAN 3,103,158
ROBERT, CLARE 3,102,597
ROBERT, ERIC 3,102,868
ROBERTO, ROBERTO 3,103,218
ROBINSON, PETER G. 3,102,945
ROBINSON, PETER G. 3,102,946
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ROMAN, EDDIE A. 3,103,074
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RUDEY, JOHN M. 3,102,977
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SAKAKURA, SHIGEKI 3,103,095
SALEHI-MOGHADAM, MANSOUR 3,102,915
SALEM, MOHAMED ADEL 3,103,057
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SAMADI, PAYMAN 3,102,846
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SANTOS, MICHAEL 3,102,837
SAPHYRE, INC. 3,102,961
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SARDESAI, NIRANJAN Y. 3,100,974
SARGENT, EDWARD 3,103,062
SATO, KIMIHIKO 3,102,985
SATOH, TSUTOMU 3,103,227
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SAUDI ARABIAN OIL COMPANY 3,100,153
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SAVIGNAC, HELENE 3,103,161
SAXBERG, TOM 3,102,696
SBITNEV, ANDREJ GENNAD'EVICH 3,102,752
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SCHAFER, LAUREL L. 3,103,037
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SCHILLO, CHRISTOPHER 3,102,837
SCHLOTZER, EWALD 3,102,324
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SCHMIEDEL, THOMAS B. 3,103,270
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