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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

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

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

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

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

[41] - Open to Public Inspection Date
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[51] - International Classification
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[71] - Name(s) of Applicant(s)
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[73] - Name(s) of Grantee(s)
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[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

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

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

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

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

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

2. Country Code

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

2. Code des pays

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

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

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

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

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

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

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

4. Orders for Patents by Class or Sub-Class

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

4. Commande de brevets par classe ou sous-classe

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

5. Advice on Making a Patent Application

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

5. Conseils relatifs à la préparation de demandes de brevets

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

6. Licensing of Patents

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

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

6. Octroi de licences en vertu des brevets

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

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

7. Patents Available for Licence or Sale

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

7. Brevets disponibles pour licence ou vente

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

8. List of Patents Available for Licence or Sale

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

None

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

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

Aucun

9. Applications Open to Public Inspection

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

9. Demandes mises à la disponibilité du public

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

10. Language of Published Documents

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

10. Langue du document publié

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

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

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

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

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

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

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

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

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

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

4. Late payment fee

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

Preliminary Examination

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

* International fees will be reduced by:

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

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

4. Taxe pour paiement tardif

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

Examen préliminaire

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

* Les frais seront réduits de:

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

12. PCT Notices

Patent Cooperation Treaty (PCT)

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

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

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

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

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

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

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

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

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

13. Practice Notice

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

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

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

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

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

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

13. Énoncé de pratique

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

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

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

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

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

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

Offices.

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

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

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

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

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

14. Correspondence Procedures

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

On this page:

14. Procédures de correspondance

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

Sur cette page :

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

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

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

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

Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

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

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

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

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

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

Download the Fee Payment Form.

3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

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

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

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

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

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

Téléchargez le formulaire de paiement des frais.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 4 of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and

1.1 Établissements désignés

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

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

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

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

- Innovation, Science and Economic Development Canada
  Sun Life Building
  1155 Metcalfe Street, Room 950
  Montreal QC H3B 2V6
  Tel.: 514-496-1797
  Toll-free: 1-888-237-3037

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Tel.: 604-666-5000

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

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

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

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

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

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

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

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

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

L'OPIC considère que la correspondance remise par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Electronic Correspondence

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

2. Correspondance électronique

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

Regulations, subsection 10(3) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

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

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

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

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

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

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

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

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

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

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

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

2.1 Facsimile

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

2.1 Correspondance par télécopieur

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

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

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

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

(819) 934-3833

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

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

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

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

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

Patents

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

2.2 Online

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

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent

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

(819) 934-3833

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

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements désignés, sera considérée comme n’ayant pas été reçue.

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

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

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

Brevets

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

2.2 En ligne

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

Brevets

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

electronically by accessing the following pages:

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

Canada as Receiving Office Under the PCT: PCT-SAFE

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

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

Trademarks

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

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- registration of a trademark application;

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

pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

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

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

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

Marques de commerce

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

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- l'enregistrement d'une marque de commerce

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

Trademarks Opposition Board's online web application:

Opposition proceedings before the Trademarks Opposition Board

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

Section 45 proceedings before the Trademarks Opposition Board

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

des marques de commerce.

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

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

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

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

Copyright

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

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Pour l'application du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following pages:

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

Dessins industriels

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

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

Integrated Circuit Topographies

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

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Pour l'application du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

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

Patents

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

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

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

2.3 Supports électroniques

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

Brevets

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

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

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des

modifications relatives à la demande.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-

Supports électroniques acceptés par le Bureau des brevets

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

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

Trademarks and Industrial Design

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

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

Marques de commerce et dessins industriels

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

3. Details Concerning the Electronic Formats Accepted

Patents

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

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

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

TIFF Format:

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

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;

3. Précisions concernant les formats électroniques acceptés

Brevets

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

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

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

Format TIFF

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

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4

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

ASCII

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

- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

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

Trademarks

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

Industrial Design

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

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

Marques de commerce

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

Dessins industriels

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

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

4. General Information

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

4. Renseignements généraux

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

5. Time Period Extensions

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

5. Prorogation des délais

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Time period extensions under the Copyright and Integrated Circuit Topography Acts

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

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

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

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

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

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental

Prolongations de délais prévus au Traité de coopération en matière de brevets

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

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

organization falls on a day:

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

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

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

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

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

intergouvernementale expire un jour :

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

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

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

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

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

Time period extensions under the Madrid Protocol and the Hague Agreement

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

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

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

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

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

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

In case of unforeseen circumstances, CIPO will attempt to

6. Procédures en cas de fermeture des bureaux

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Patents, Industrial Design, Copyright and Integrated Circuit Topography

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

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

Trademarks

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

8. Intellectual property acts, rules and regulations

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

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 15, 2019 contains applications open to public inspection from September 29, 2019 to October 5, 2019.

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

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

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

Marques de commerce

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

8. Lois, règles et règlements sur la propriété intellectuelle

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

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 15 octobre 2019 contient les demandes disponibles au public pour consultation pour la période du 29 septembre 2019 au 5 octobre 2019.

Canadian Patents Issued

October 15, 2019

Brevets canadiens délivrés

15 octobre 2019

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[54] **METHODS AND SYSTEMS FOR USING IN-STREAM DATA WITHIN AN ON DEMAND CONTENT DELIVERY PATH**
[54] **METHODES ET SYSTEMES POUR UTILISER DES DONNEES EN CONTINU AVEC UN CHEMIN DE LIVRAISON DE CONTENU A LA DEMANDE**
[72] MICHEL, WALTER F., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **SYSTEM AND METHOD FOR COMPUTING RAIL CAR SWITCHING SEQUENCE IN A SWITCHYARD**
[54] **SYSTEME ET METHODE POUR CALCULER LA SEQUENCE DES MANOEUVRES DES VEHICULES FERROVIAIRES DANS UNE COUR DE TRIAGE**
[72] PATHAK, ANSHU, CA
[72] BARKER, MATTHEW, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
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[25] EN
[54] **GENETICALLY MODIFIED HUMAN NATURAL KILLER CELL LINES**
[54] **LIGNEES DE CELLULES TUEUSES, NATURELLES, HUMAINES ET GENETIQUEMENT MODIFIEES**
[72] CAMPBELL, KERRY S., US
[73] FOX CHASE CANCER CENTER, US
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[72] MUNRO, JOHN, CA
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[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **FRICTION STIR WELDING SYSTEM**
[54] **INSTALLATION DE SOUDAGE PAR FRICTION LINEAIRE**
[72] HANLON, TIMOTHY, US
[72] TRAPP, TIMOTHY JOSEPH, US
[72] HELDER, EARL CLAUDE, US
[72] SUBRAMANIAN, PAZHAYANNUR RAMANATHAN, US
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[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS FOR TRANSFERRING MOLECULAR SUBSTANCES INTO PLANT CELLS**
[54] **PROCEDES POUR TRANSFERER DES SUBSTANCES MOLECULAIRES DANS DES CELLULES VEGETALES**
[72] SAMUEL, JAYAKUMAR PON, US
[72] BURROUGHS, FRANK, US
[72] ZETTLER, MARK W., US
[72] DIXIT, SURAJ K., US
[73] DOW AGROSCIENCES, LLC, US
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[54] **NETWORK EVENT TRIGGERED SOFTWARE UPDATES**
[54] **MISES A JOUR DES LOGICIELS DECLENCHEES PAR UN EVENEMENT DE RESEAU**
[72] BRZOZOWSKI, JOHN JASON, US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **METHODES ET DISPOSITIF DE DETECTION DE SANG OCCULTE**
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[54] **MANAGEMENT OF SHARED ACCESS NETWORK**
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[54] **ENGINEERED ANTIBODY CONSTANT DOMAIN MOLECULES**
[54] **MOLECULES MODIFIEES DU TYPE ANTICORPS, A DOMAINE CONSTANT**
[72] DIMITROV, DIMITER S., US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **PROCEDE ET SYSTEME DE COMMUNICATION EN LIGNE ENTRE UNE TRIEUSE DE CHEQUES ET UN SYSTEME DE TRAITEMENT DES CHEQUES**
[72] MALONEY, RIAN R., US
[73] VECTORSGI, INC., US
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[51] **Int.Cl. G06F 8/65 (2018.01) H04W 12/06 (2009.01) G06F 8/70 (2018.01) H04W 4/30 (2018.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR INSTALLING SOFTWARE ON A MOBILE ELECTRONIC DEVICE VIA A PROXY SERVER**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR INSTALLER UN LOGICIEL SUR UN DISPOSITIF ELECTRONIQUE MOBILE A L'AIDE D'UN SERVEUR MANDATAIRE**
[72] TYHURST, TIMOTHY RICHARD, CA
[72] LANDRY, PAUL EDWARD, CA
[73] BLACKBERRY LIMITED, CA
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[54] **MODELE DE CONTRAINTE A ORDRE REDUIT POUR MAN□UVRE EN LIGNE, DIAGNOSTIC DE RUPTURE DE GAINE ET CONCEPTION DE RESEAUX DE CHARGEMENT DE NOYAU DE REACTEURS A EAU ORDINAIRE**
[72] FARAWILA, YOUSEF, US
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[25] EN
[54] **POLYNUCLEOTIDES, POLYPEPTIDES ENCODED THEREBY, AND METHODS OF USING SAME FOR INCREASING ABIOTIC STRESS TOLERANCE, BIOMASS AND/OR YIELD IN PLANTS EXPRESSING SAME**
[54] **POLYNUCLEOTIDES, POLYPEPTIDES CODES PAR CEUX-CI, ET LEURS PROCEDES D'UTILISATION POUR AUGMENTER LA TOLERANCE AU STRESS ABIOTIQUE, LA BIOMASSE ET/OU LE RENDEMENT DANS LES PLANTES LES EXPRIMANT**
[72] AYAL, SHARON, IL
[72] EMMANUEL, EYAL, IL
[72] GRANEVITZE, ZUR, IL
[72] DIBER, ALEX, IL
[72] VINOCUR, BASIA JUDITH, IL
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[54] **ANTIBODY VARIANTS HAVING MODIFICATIONS IN THE CONSTANT REGION**
[54] **VARIANTS D'ANTICORPS COMPORTANT DES MODIFICATIONS DANS LA REGION CONSTANTE**
[72] LABRIJN, ARAN FRANK, NL
[72] LOVERIX, STEFAN, BE
[72] PARREN, PAUL, NL
[72] VAN DE WINKEL, JAN, NL
[72] SCHUURMAN, JANINE, NL
[72] LASTER, IGNACE, BE
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[54] **REFRACTIVE INDEX TOOL AND METHOD**
[54] **OUTIL DE MESURE DE L'INDICE DE REFRACTION ET PROCEDE CONNEXE**
[72] WOOTTEN, KEITH ROBERT, GB
[73] SONDEX LIMITED, GB
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[25] EN
[54] **METHODS AND A MACHINE FOR FORMING MULTIPLE TYPES OF CONTAINERS**
[54] **METHODES ET MACHINE PERMETTANT DE FORMER DE MULTIPLES TYPES DE CONTENEURS**
[72] GRAHAM, THOMAS DEAN, US
[72] AGANOVIC, AMER, US
[72] D'ALESIO, CLAUDIO, US
[72] SPURLOCK, PAUL ANDREW, US
[73] ROCK-TENN SHARED SERVICES, LLC, US
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[25] EN
[54] **FIBROUS SHEET DISINTEGRATING IN WATER, PROCESS FOR MANUFACTURING SAID FIBROUS SHEET, USE OF SAID FIBROUS SHEET FOR THE MANUFACTURE OF A CORE**
[54] **FEUILLE FIBREUSE SE DESAGREGEANT DANS L'EAU, PROCESSUS DE FABRICATION DE LADITE FEUILLE FIBREUSE, UTILISATION DE LADITE FEUILLE FIBREUSE POUR LA FABRICATION D'UN NOYAU**
[72] COLIN, PHILIPPE, FR
[72] DOZZI, JEAN-CLAUDE, FR
[72] PROBST, PIERRE, FR
[72] WISS, VERONIQUE, FR
[72] RUPPEL, REMY, FR
[73] ESSITY OPERATIONS FRANCE, FR
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[25] EN
[54] **PROCESSES FOR PRODUCING COMPONENTS CONTAINING CERAMIC-BASED AND METALLIC MATERIALS**
[54] **PROCEDES DE PRODUCTION D'ELEMENTS CONTENANT DES MATERIAUX A BASE DE CERAMIQUE OU METALLIQUES**
[72] DARKINS, TOBY GEORGE, JR., US
[72] HEYWARD, JOHN PETER, US
[72] ESTILL, ERIC ALAN, US
[72] JAMISON, JOSHUA BRIAN, US
[72] DEINES, JAMES HERBERT, US
[72] MARUSKO, MARK WILLARD, US
[72] HAWKINS, JAMES THOMAS, US
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[54] **ENERGY RECOVERY IN SYNGAS APPLICATIONS**
[54] **RECUPERATION DE L'ENERGIE DANS LES APPLICATIONS AU GAZ DE SYNTHESE**
[72] KHOSRAVIAN, KHODARAM RUSTOM, US
[72] TYREE, RONALD FREDERICK, US
[72] MCKENNA, PATRICK JOSEPH, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **CULTURING EMBRYONIC STEM CELLS, EMBRYONIC STEM-LIKE CELLS OR INDUCED PLURIPOTENT STEM CELLS WITH A MUC1 OR MUC1* LIGAND**
[54] **CULTURE DE CELLULES SOUCHES EMBRYONNAIRES, CELLULES SEMBLABLES A DES CELLULES SOUCHES EMBRYONNAIRES OU CELLULES SOUCHES PLURIPOTENTES INDUITES AVEC UN LIGAND MUC1 OU MUC1***
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[73] MINERVA BIOTECHNOLOGIES CORPORATION, US
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[54] **WEDGE DEAD END CLAMP ASSEMBLY**
[54] **ENSEMBLE DE COLLIERS DE SERRAGE D'EXTREMITE A COIN**
[72] SHIBILIA, DAVID JOSEPH, US
[72] ZELAZNY, PAUL FRANCIS, US
[73] HUBBELL INCORPORATED, US
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[54] **METHOD OF REDUCING SILICOSIS CAUSED BY INHALATION OF SILICA-CONTAINING PROPPANT, SUCH AS SILICA SAND AND RESIN-COATED SILICA SAND, AND APPARATUS THEREFOR**
[54] **METHODE DE REDUCTION DE LA SILICOSE PROVOQUEE PAR L'INHALATION D'AGENT DE SOUTENEMENT CONTENANT DE LA SILICE, COMME LE SABLE DE SILICE ET LE SABLE DE SILICE RECOUVERTE DE RESINE, ET APPAREIL POUR CELLE-CI**
[72] STUTZMAN, SCOTT S., US
[72] REININGER, ROBERT SEAN, US
[72] BALTHASER, DAVID S., US
[73] KSW ENVIRONMENTAL, LLC (D.B.A. AIRIS WELLSITE SERVICES), US
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[54] **COMMUNICATIONS SYSTEM FOR PERFORMING SECURE TRANSACTIONS BASED UPON MOBILE WIRELESS COMMUNICATIONS DEVICE PROXIMITY AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATION POUR L'EXECUTIOIN DE TRANSACTIONS SECURISEES EN FONCTION DE LA PROXIMITE D'APPAREILS DE COMMUNICATION SANS FIL PORTATIFS ET METHODES CONNEXES**
[72] PASQUERO, JEROME, CA
[72] WALKER, DAVID RYAN, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DE L'AUTISME**
[72] VAN DE WATER, JUDY, US
[72] BRAUNSCHWEIG, DANIEL, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[86] 2010-08-12 (PCT/US2010/045343)
[87] (WO2011/019929)
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[54] **SELF-RIGHTING FRAME AND AERONAUTICAL VEHICLE**
[54] **CADRE A REDRESSEMENT AUTOMATIQUE ET VEHICULE AERONAUTIQUE**
[72] YAN, GAOFEI, US
[72] DEES, JAMES, US
[73] YAN, GAOFEI, US
[73] DEES, JAMES, US
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[51] **Int.Cl. E06C 5/00 (2006.01) E02F 9/00 (2006.01)**
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[54] **A LADDER ASSEMBLY FOR EQUIPMENT**
[54] **UN ENSEMBLE D'ECHELLE POUR EQUIPEMENT**
[72] MAGNUSSEN, MICHAEL WILLIAM, AU
[73] ACCESS INNOVATIONS GLOBAL LP, US
[86] (2775858)
[87] (2775858)
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[25] EN
[54] **ELECTRICALLY CONDUCTIVE STRUCTURE**
[54] **STRUCTURE A CONDUCTIVITE ELECTRIQUE**
[72] RETZ, KEVIN M., US
[72] PRICHARD, ALAN K., US
[73] THE BOEING COMPANY, US
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[87] (2775860)
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[25] EN
[54] **IMPROVED PROGRESS BAR**
[54] **BARRE INDICATRICE D'ETAT AMELIOREE**
[72] MOUNTAIN, DALE LLEWELYN, GB
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[87] (2777200)
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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **CARDLESS PAYMENT TRANSACTIONS**
[54] **TRANSACTIONS DE PAIEMENT SANS CARTE**
[72] HENDERSON, WILLIAM, US
[72] GRASSADONIA, BRIAN, US
[72] DORSEY, JACK, US
[72] MCKELVEY, JAMES, US
[73] SQUARE, INC., US
[86] (2777885)
[87] (2777885)
[22] 2012-05-23
[30] US (61/563,022) 2011-11-22

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[13] C
[51] **Int.Cl. A61M 1/34 (2006.01)**
[25] EN
[54] **METHOD FOR REGULATING THE SUPPLY OF SUBSTITUATE IN AN EXTRACORPOREAL BLOOD TREATMENT AND EXTRACORPOREAL BLOOD TREATMENT APPARATUS WITH A DEVICE FOR REGULATING THE SUPPLY OF SUBSTITUATE**
[54] **PROCEDE DE REGULATION DE L'ALIMENTATION EN SOLUTION DE SUBSTITUTION LORS D'UN TRAITEMENT EXTRACORPOREL DU SANG ET DISPOSITIF DE TRAITEMENT EXTRACORPOREL DU SANG COMPRENANT UN DISPOSITIF DE REGULATION DE L'ALIMENTATION EN SOLUTION DE SUBSTITUTION**
[72] KOPPERSCHMIDT, PASCAL, DE
[72] GAGEL, ALFRED, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2012-04-18
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[30] DE (10 2009 055 995.7) 2009-11-26

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[25] EN
[54] **DRUG BAG CONTAINER**
[54] **SAC DE MEDICAMENTS**
[72] BIANCO, WALTER, IT
[72] FIORAVANTI, FABIO, IT
[73] AESYNT TOPCO B.V., NL
[86] (2779018)
[87] (2779018)
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[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING HOMOGENEOUS MAGNETIC FIELDS**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DES CHAMPS MAGNETIQUES HOMOGENES**
[72] LESKOWITZ, GARETT M., CA
[72] MCFEETORS, GREGORY, CA
[72] PERNECKER, SEBASTIEN, CH
[73] NANALYSIS CORP., CA
[85] 2012-05-07
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[87] (WO2011/066652)
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[51] **Int.Cl. B64C 1/06 (2006.01) B64C 1/12 (2006.01)**
[25] FR
[54] **DEVICE AND ASSEMBLY PROCESS FOR TWO SECTIONS OF AN AIRCRAFT FUSELAGE**
[54] **DISPOSITIF ET PROCEDE D'ASSEMBLAGE DE DEUX TRONCONS DE FUSELAGE D'AERONEF**
[72] CACCIAGUERRA, BRUNO, FR
[72] DEPEIGE, ALAIN, FR
[72] LACOMBE, JEAN-CLAUDE, FR
[72] CAZENEUVE, HELENE, FR
[72] CASTANET, MARC-ANTOINE, FR
[73] AIRBUS OPERATIONS, FR
[86] (2781802)
[87] (2781802)
[22] 2012-06-26
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[25] EN
[54] **COMPRESSIBLE-COATED PHARMACEUTICAL COMPOSITIONS AND TABLETS AND METHODS OF MANUFACTURE**
[54] **COMPOSITIONS PHARMACEUTIQUES ENROBEES ET COMPRESSIBLES, COMPRIMES ET PROCEDES DE FABRICATION ASSOCIES**
[72] VENKATESH, GOPI M., US
[72] LAI, JIN-WANG, US
[72] CLEVENGER, JAMES M., US
[72] KRAMER, CRAIG, US
[73] ADARE PHARMACEUTICALS, INC., US
[85] 2012-05-29
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[87] (WO2011/066287)
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[51] **Int.Cl. A61B 17/86 (2006.01) A61B 17/68 (2006.01)**
[25] EN
[54] **METHOD OF FASTENING A TISSUE OR A CORRESPONDING PROSTHETIC ELEMENT IN AN OPENING PROVIDED IN A HUMAN OR ANIMAL BONE AND FASTENER SUITABLE FOR THE METHOD**
[54] **PROCEDE DE FIXATION D'UN TISSU OU D'UN ELEMENT PROTHETIQUE CORRESPONDANT DANS UNE OUVERTURE MENAGEE DANS UN OS HUMAIN OU ANIMAL ET ELEMENT DE FIXATION APPROPRIE AU PROCEDE**
[72] MAYER, JOERG, CH
[72] BERRA, MILICA, CH
[72] MUELLER, ANDREA, CH
[72] GOEBEL-MEHL, STEPHANIE, CH
[72] WENGER, ANDREAS, CH
[72] MOCK, ELMAR, CH
[73] SPORTWELDING GMBH, CH
[85] 2012-06-28
[86] 2011-01-19 (PCT/CH2011/000005)
[87] (WO2011/091545)
[30] US (61/298,746) 2010-01-27

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[51] **Int.Cl. C01B 3/38 (2006.01) C01B 13/02 (2006.01)**
[25] EN
[54] **ISOTHERMAL REACTOR FOR PARTIAL OXIDATION OF METHANE**
[54] **REACTEUR ISOTHERME POUR L'OXYDATION PARTIELLE DU METHANE**
[72] QUINTERO, RUBEN DARIO RODRIGUEZ, GB
[72] DIAZ, ERNESTO MANUEL SANTANA, GB
[72] BANISTER, JAMES ANDREW, GB
[73] GAS VENTURES (UK) LIMITED, GB
[85] 2012-07-04
[86] 2011-01-07 (PCT/GB2011/050015)
[87] (WO2011/083333)
[30] GB (1000156.8) 2010-01-07

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[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04W 24/02 (2009.01)**
[25] EN
[54] **A MOBILE DEVICE AND A DEVICE MESSAGING AGENT THEREOF**
[54] **OUTILS RESEAU POUR ANALYSER, CONCEVOIR, TESTER ET PRODUIRE DES SERVICES**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
[85] 2012-07-11
[86] 2010-01-18 (PCT/US2010/021308)
[87] (WO2010/088085)
[30] US (61/206,354) 2009-01-28
[30] US (61/206,944) 2009-02-04
[30] US (61/207,393) 2009-02-10
[30] US (61/207,739) 2009-02-13
[30] US (12/380,770) 2009-03-02

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[13] C
[51] **Int.Cl. B60K 11/04 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **RADIATOR CONFIGURATION**
[54] **CONFIGURATION DE RADIATEUR**
[72] PAWLICK, DANIEL R., CA
[73] PAWLICK, DANIEL R., CA
[86] (2787814)
[87] (2787814)
[22] 2012-08-21

[11] **2,790,512**
[13] C
[51] **Int.Cl. F16N 29/02 (2006.01) F03D 80/70 (2016.01) F01M 1/16 (2006.01) F16H 57/04 (2010.01) F16N 25/00 (2006.01) F16N 27/00 (2006.01)**
[25] EN
[54] **A METHOD FOR CONTROLLING LUBRICATION OF A GEAR UNIT AND A GEAR UNIT**
[54] **UNE METHODE POUR CONTROLER LA LUBRIFICATION D'UN ENGRENAGE ET ENGRENAGE**
[72] HUIKKO, JARNO, FI
[72] KOPONEN, MIKKO, FI
[72] MAALISMAA, SAMI, FI
[72] UUSITALO, KARI, FI
[73] MOVENTAS GEARS OY, FI
[86] (2790512)
[87] (2790512)
[22] 2012-09-20
[30] EP (11182334.0) 2011-09-22

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[13] C
[51] **Int.Cl. G01N 3/12 (2006.01) G01N 33/38 (2006.01)**
[25] FR
[54] **PROCESS AND TEST CELL FOR A HARDENING AGENT**
[54] **CELLULE ET PROCEDE DE TEST D'UNE COMPOSITION DURCISSANTE**
[72] GARNIER, ANDRE, FR
[72] BOIS, AXEL PIERRE, FR
[72] GALDIOLO, GREGORY, FR
[72] CRUZ, NICOLAS, FR
[72] PAULY, GILLES, FR
[72] VANZETTO, PASCAL, FR
[73] TOTAL S.A., FR
[86] (2791762)
[87] (2791762)
[22] 2012-09-24
[30] FR (11 59 271) 2011-10-13

[11] **2,792,823**
[13] C
[51] **Int.Cl. F24D 19/10 (2006.01) F22B 35/00 (2006.01) F24D 3/00 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF CONTROLLING CONDENSING AND NON-CONDENSING BOILER FIRING RATES**
[54] **SYSTEME ET METHODE POUR CONTROLER LE TAUX D'ALLUMAGE D'UNE CHAUDIERE A CONDENSATION ET SANS CONDENSATION**
[72] KOVALCIK, WILLIAM, US
[72] TYNKOV, BORIS M., US
[72] HUIBREGTSE, BRIAN, US
[72] SUTPHEN, JOHN, US
[73] CLEAVER-BROOKS, INC., US
[86] (2792823)
[87] (2792823)
[22] 2012-10-19
[30] US (61/550,070) 2011-10-21

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[13] C
[51] **Int.Cl. H04W 4/021 (2018.01) G06Q 20/32 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **USER PROFILE AND GEOLOCATION FOR EFFICIENT TRANSACTIONS**
[54] **GEOLOCALISATION ET PROFIL D'UTILISATEUR POUR DES TRANSACTIONS EFFICACES**
[72] RAMALINGAM, HARSHA, US
[72] WALSH, PAUL, US
[72] CARR, MICHAEL, US
[72] LATHIA, BHAVNISH, US
[72] CHUANG, JAMES, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2012-09-21
[86] 2011-03-17 (PCT/US2011/028825)
[87] (WO2011/119407)
[30] US (61/316,527) 2010-03-23
[30] US (61/351,743) 2010-06-04
[30] US (12/820,672) 2010-06-22
[30] US (12/820,705) 2010-06-22
[30] US (12/894,287) 2010-09-30
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[51] **Int.Cl. F16L 21/08 (2006.01) F16L 17/025 (2006.01) F16L 21/03 (2006.01) F16L 37/091 (2006.01) F16L 37/092 (2006.01)**
[25] EN
[54] **PIPE COUPLING AND METHOD OF FORMING THE SAME**
[54] **RACCORD DE TUYAU ET SA METHODE DE PRODUCTION**
[72] LIAO, LARRY, US
[72] CLARK, CHUCK, US
[73] J-M MANUFACTURING COMPANY, INC., US
[86] (2794914)
[87] (2794914)
[22] 2012-11-07
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[51] **Int.Cl. D21C 5/00 (2006.01) C12P 1/00 (2006.01) C12P 19/00 (2006.01) C08H 8/00 (2010.01)**
[25] EN
[54] **PROCESSING BIOMASS**
[54] **TRAITEMENT DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[72] MEDOFF, HARRISON, US
[73] XYLECO, INC., US
[85] 2012-10-17
[86] 2011-05-20 (PCT/US2011/037322)
[87] (WO2011/149774)
[30] US (61/347,692) 2010-05-24

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[51] **Int.Cl. A61K 38/07 (2006.01) A61K 31/404 (2006.01) A61K 31/551 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR TREATMENT OF INFLAMMATION**
[54] **MATERIELS ET METHODES POUR TRAITEMENT D'UNE INFLAMMATION**
[72] MAIONE, THEODORE E., US
[72] MAGLARIS, C. DEAN, US
[73] CYTOGEL PHARMA, LLC, US
[85] 2012-10-29
[86] 2011-05-23 (PCT/US2011/037560)
[87] (WO2011/146922)
[30] US (61/347,102) 2010-05-21

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[13] C
[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ESTIMATING AN INTER-NODE DISTANCE BETWEEN NODES ARRANGED ALONG TOWED ACOUSTIC LINEAR ANTENNAS**
[54] **METHODE ET DISPOSITIF POUR ESTIMER UNE DISTANCE INTER NOEUD ENTRE DES NOEUDS DISPOSES LE LONG D'ANTENNES LINEAIRES ACOUSTIQUES REMORQUEES**
[72] L'HER, CHRISTOPHE, FR
[72] VALLEZ, SIMON, FR
[73] SERCEL, FR
[86] (2798682)
[87] (2798682)
[22] 2012-12-11
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[51] **Int.Cl. C08G 18/40 (2006.01) B01J 20/22 (2006.01) B01J 20/26 (2006.01) C02F 1/00 (2006.01) C02F 1/68 (2006.01) C08G 18/42 (2006.01) C08G 18/44 (2006.01) C08G 18/63 (2006.01)**
[25] EN
[54] **OIL-ABSORBENT POLYURETHANE SPONGES WITH GOOD MECHANICAL PROPERTIES**
[54] **EPONGES EN POLYURETHANE ABSORBANT L'HUILE, POSSEDANT DE BONNES PROPRIETES MECANIQUES**
[72] MOHMEYER, NILS, DE
[72] FRITZ, RALF, DE
[72] BRUCHMANN, BERND, DE
[72] CRISTADORO, ANNA, DE
[72] LEBERFINGER, MARCUS, DE
[72] VAN DER NET, ANTJE, DE
[73] BASF SE, DE
[85] 2012-11-09
[86] 2011-05-18 (PCT/EP2011/058051)
[87] (WO2011/147724)
[30] EP (10164188.4) 2010-05-27

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[25] EN
[54] **METHOD OF NOCICEPTOR DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS AND USES THEREOF**
[54] **PROCEDE DE DIFFERENCIATION EN NOCICEPTEUR DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES ET SES UTILISATIONS**
[72] STUDER, LORENZ, US
[72] CHAMBERS, STUART M., US
[72] QI, YUCHEN, US
[72] MICA, YVONNE MARISSA, US
[73] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2012-11-22
[86] 2011-05-19 (PCT/US2011/037179)
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[51] **Int.Cl. B65D 5/52 (2006.01)**
[25] EN
[54] **DISPLAY CARTON WITH CONTROLLED DEFLECTION ZONES**
[54] **CARTON DE PRESENTATION AVEC ZONES DE DEVIATION CONTROLEE**
[72] WINTERMUTE, WILLIAM, US
[72] FREEMAN, PAUL, US
[73] MARS, INC., US
[86] (2803422)
[87] (2803422)
[22] 2013-01-24
[30] US (61/590,659) 2012-01-25

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[13] C
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **AD PRIVACY MANAGEMENT**
[54] **GESTION DE CONFIDENTIALITE DE PUBLICITE**
[72] WU, PING, US
[72] KRISHNAKUMAR, ANITA, US
[72] CHANDRA, DEEPAK, US
[73] GOOGLE LLC, US
[85] 2012-12-21
[86] 2011-05-27 (PCT/US2011/038321)
[87] (WO2011/162908)
[30] US (12/821,771) 2010-06-23

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[13] C
[51] **Int.Cl. C07D 255/02 (2006.01)**
[25] EN
[54] **1,2-BIS-(4,7-DIMETHYL-1,4,7-TRIAZACYCLONON-1-YL)-ETHANE AND INTERMEDIATE THEREOF**
[54] **1,2-DI-(4,7-DIMETHYL-1,4,7-TRIAZACYCLONON-1-YL)-ETHANE ET INTERMEDIAIRE CORRESPONDANT**
[72] HAGE, RONALD, NL
[72] KOEK, JEAN HYPOLITES, NL
[72] RUSSELL, STEPHEN WILLIAM, NL
[72] WANG, XIAOHONG, CN
[72] VAN DER WOLF, LODEWIJK, NL
[72] ZHANG, JIANRONG, CN
[72] ZHAO, WEI, CN
[73] CATEXEL LIMITED, GB
[85] 2013-01-04
[86] 2011-07-05 (PCT/CN2011/001104)
[87] (WO2012/003712)
[30] CN (PCT/CN2010/001008) 2010-07-06
[30] CN (PCT/CN2010/001007) 2010-07-06

[11] **2,807,576**
[13] C
[51] **Int.Cl. G01R 31/265 (2006.01) H01L 21/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF QUANTIFYING COLOR AND INTENSITY OF LIGHT SOURCES**
[54] **SYSTEME ET PROCEDE DE QUANTIFICATION DE LA COULEUR ET DE L'INTENSITE DE SOURCES DE LUMIERE**
[72] MORROW, DANIEL CREIGHTON, US
[72] DUMMER, JONATHAN LEIGH, US
[73] SOF-TEK INTEGRATORS, INC. DBA OP-TEST, US
[85] 2013-02-05
[86] 2011-08-09 (PCT/US2011/046993)
[87] (WO2012/021468)
[30] US (61/372,247) 2010-08-10
[30] US (13/205,170) 2011-08-08

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[13] C
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 1/34 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **ASSAY FOR DETERMINATION OF LEVELS OF LIPOPROTEIN PARTICLES IN BODILY FLUIDS**
[54] **DOSAGE DESTINE A DETERMINER LES NIVEAUX DE PARTICULES DE LIPOPROTEINES DANS DES LIQUIDES CORPORELS**
[72] GUADAGNO, PHILIP, US
[72] HICKS, DEBRA LINN, US
[72] MCCONNELL, JOSEPH PAUL, US
[73] HELENA LABORATORIES CORPORATION, US
[85] 2013-02-19
[86] 2011-08-23 (PCT/US2011/048733)
[87] (WO2012/027318)
[30] US (12/861,829) 2010-08-24
[30] US (12/877,733) 2010-09-08

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[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 15/08 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **NCPAP TO LOWER BREATHING EFFORT**
[54] **DISPOSITIF DE PRESSION POSITIVE DES VOIES RESPIRATOIRES CONTINUES NASALES POUR REDUIRE L'EFFORT DE RESPIRATION**
[72] MANSOUR, KHALID, US
[73] VYAIRE MEDICAL CAPITAL LLC, US
[85] 2013-02-27
[86] 2011-08-16 (PCT/US2011/047965)
[87] (WO2012/033614)
[30] US (12/880,041) 2010-09-10

[11] **2,811,258**
[13] C
[51] **Int.Cl. A61K 31/565 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **FULVESTRANT COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS A BASE DE FULVESTRANT, ET PROCEDES D'UTILISATION**
[72] SWART, HENK, ZA
[73] SHIMODA BIOTECH (PTY) LTD, ZA
[85] 2013-03-13
[86] 2011-09-16 (PCT/IB2011/054058)
[87] (WO2012/035516)
[30] US (61/383,660) 2010-09-16

[11] **2,812,382**
[13] C
[51] **Int.Cl. A23L 29/25 (2016.01) A23L 19/18 (2016.01)**
[25] EN
[54] **METHOD FOR PROCESSING FOOD PRODUCT AND FOOD PRODUCT THEREOF**
[54] **PROCEDE DE TRAITEMENT DE PRODUIT ALIMENTAIRE ET PRODUIT ALIMENTAIRE CORRESPONDANT**
[72] HENRY, CHRISTIANI JEYA KUMAR, GB
[72] V. MARNICKAVASAGAR, M. RAJENDRAN A/I, MY
[73] HOLISTA BIOTECH SDN. BHD., MY
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[54] **UTILITY DEVICE MANAGEMENT**
[54] **GESTION D'UN DISPOSITIF RELATIF A UNE UTILISATION**
[72] SALAZAR, RUBEN, US
[72] SHUDARK, JEFFREY B., US
[72] MONNERIE, EMMANUEL, US
[72] CHASKO, STEPHEN J., US
[73] LANDIS+GYR INNOVATIONS, INC., US
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[54] **METAL ION NANOCLUSTERS**
[54] **NANO-AMAS D'IONS METALLIQUES**
[72] WU, CHIEN-CHIN, US
[73] LG BIONANO, LLC, US
[85] 2013-04-18
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[25] EN
[54] **HAND HELD SURGICAL HANDLE ASSEMBLY, SURGICAL ADAPTERS FOR USE BETWEEN SURGICAL HANDLE ASSEMBLY AND SURGICAL END EFFECTORS, AND METHODS OF USE**
[54] **DISPOSITIF DE POIGNEE CHIRURGICALE TENU A LA MAIN, ADAPTATEURS CHIRURGICAUX A UTILISER ENTRE LE DISPOSITIF DE POIGNEE CHIRURGICALE ET LES EFFECTEURS TERMINAUX CHIRURGICAUX ET METHODES D'UTILISATION**
[72] NICHOLAS, DAVID, US
[72] BEARDSLEY, JOHN, US
[72] PRIBANIC, RUSSELL, US
[72] ZEMLOK, MICHAEL, US
[73] COVIDIEN LP, US
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[54] **EXPANDABLE BRACHYTHERAPY APPARATUS AND METHODS FOR USING THEM**
[54] **APPAREILS DE CURIETHERAPIE DILATABLES ET PROCEDES D'UTILISATION ASSOCIES**
[72] CHI SING, EDUARDO, US
[72] NGUYEN, TOMMY G., US
[73] CIANNA MEDICAL, INC., US
[85] 2013-05-02
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[54] **METHODS AND COMPOSITIONS FOR MODULATING PD1**
[54] **PROCEDES ET COMPOSITIONS POUR LA MODULATION DE PD1**
[72] GREGORY, PHILIP D., US
[72] HOLMES, MICHAEL C., US
[72] MENDEL, MATTHEW C., US
[72] MENG, XIANGDONG, US
[72] PASCHON, DAVID, US
[72] REIK, ANDREAS, US
[72] URNOV, FYODOR, US
[73] SANGAMO THERAPEUTICS, INC., US
[85] 2013-05-08
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[54] **MANAGING WIRELESS COMMUNICATIONS USING DISCONTINUOUS RECEPTION**
[54] **GESTION DE COMMUNICATIONS EN RECEPTION DISCONTINUE**
[72] ANDERSON, NICHOLAS WILLIAM, GB
[72] YOUNG, GORDON PETER, GB
[72] BURBIDGE, RICHARD CHARLES, GB
[73] BLACKBERRY LIMITED, CA
[85] 2013-05-09
[86] 2011-11-11 (PCT/EP2011/069941)
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[54] **METHOD AND DEVICE FOR COOLANT RECYCLING**
[54] **PROCEDE ET DISPOSITIF POUR LE RECYCLAGE DE LIQUIDE DE REFROIDISSEMENT**
[72] BEDI, RAM D., US
[72] BLUNDY, GEORGE, US
[73] K.J. MANUFACTURING CO., US
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[54] **USE OF INTERLEUKIN-2 TO TREAT INFLAMMATORY CONDITIONS**
[54] **UTILISATION D'INTERLEUKINE-2 POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES**
[72] KO, SAI YING, CN
[73] BIOLINGUS IP LLC, CH
[85] 2013-05-15
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[54] **ELECTRIC CENTRIFUGAL COMPRESSOR FOR VEHICLES**
[54] **COMPRESSEUR CENTRIFUGE ELECTRIQUE DESTINE AUX VEHICULES**
[72] LATEB, RAMDANE, FR
[72] SCHROEDER, ULRICH, FR
[72] DA SILVA, JOAQUIM, FR
[72] PONSON, FREDERIC, FR
[72] HELENE, ERIC, FR
[73] SKF MAGNETIC MECHATRONICS, FR
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[54] **NOTIFICATION SYSTEM OF DEVIATION FROM PREDEFINED CONDITIONS**
[54] **SYSTEME DE NOTIFICATION DE DEVIATION A PARTIR DE CONDITIONS PREDEFINIES**
[72] MAYORAS, RICHARD C., JR., US
[73] STRYKER CORPORATION, US
[86] (2820823)
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[25] EN
[54] **FLAVOUR MODULATION BY FERMENTING A MILK SOURCE FOR MULTI-FLAVOUR FORMATION WITH A COCKTAIL OF BACTERIA STRAINS**
[54] **MODULATION DE SAVEUR PAR FERMENTATION D'UNE SOURCE DE LAIT POUR LA FORMATION DE MULTIPLES SAVEURS AVEC UN COCKTAIL DE SOUCHES BACTERIENNES**
[72] BRAUN, MARCEL, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2013-05-30
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[25] EN
[54] **FLAVOUR MODULATION BY BIO-PROCESSING USING CREAM-FLAVOUR FORMING BACTERIA STRAINS**
[54] **MODULATION DE SAVEUR PAR TRAITEMENT BIOLOGIQUE AU MOYEN DE SOUCHES DE BACTERIES FORMANT UNE SAVEUR DE CREME**
[72] BRAUN, MARCEL, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2013-06-07
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[54] **COLORED COMPOSITE PAVEMENT STRUCTURE**
[54] **STRUCTURE DE TROTTOIR A BASE D'UN COMPOSITE COLORE**
[72] HICKS, STEVEN, US
[72] BOWER, DAVID K., US
[72] HANDLOS, WILLIAM, US
[73] REYNOLDS PRESTO PRODUCTS INC., US
[73] BASF SE, DE
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[54] **GRAFT ELEMENT, SYSTEM AND METHOD FOR JOINING PLANT STEM SECTIONS USING SUCH GRAFT ELEMENT, AND SYSTEM AND METHOD FOR PREPARING SUCH GRAFT ELEMENT**
[54] **ELEMENT, SYSTEME ET PROCEDE DE GREFFAGE POUR ASSEMBLER DES MORCEAUX DE TIGE DE PLANTE EN UTILISANT CET ELEMENT, SYSTEME ET PROCEDE POUR PREPARER CET ELEMENT DE GREFFAGE**
[72] STRUIJK, WIM, NL
[72] VAN DER EL, WIM, NL
[72] DE KONING, DIRK JAN, NL
[72] SCHOUTEN, WILLEM NICOLAAS, NL
[73] IG SPECIALS B.V., NL
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[86] 2012-01-24 (PCT/EP2012/051067)
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[25] EN
[54] **BLOOD COLLECTION SYSTEM WITH ROTATING SURFACE**
[54] **SYSTEME DE COLLECTE DE SANG A SURFACE ROTATIVE**
[72] KUSTERS, BENJAMIN E., US
[72] WEGENER, CHRISTOPHER J., US
[72] BOGGS, DANIEL R., US
[72] MIN, KYUNGYOON, US
[73] FENWAL, INC., US
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[54] **METHOD OF MAKING AN ENHANCED NATURAL SWEETENER**
[54] **PROCEDE DE FABRICATION D'UN EDULCORANT NATUREL AMELIORE**
[72] CATANI, STEVEN J., US
[72] NAVIA, JUAN L., US
[73] HEARTLAND CONSUMER PRODUCTS LLC, US
[85] 2013-07-31
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[51] **Int.Cl. B62D 7/18 (2006.01) B62D 55/04 (2006.01)**
[25] EN
[54] **SEMI-GENERIC STEERING KNUCKLE ADAPTER ASSEMBLY FOR A VEHICLE**
[54] **DISPOSITIF D'ADAPTATEUR DE FUSEE DE DIRECTION SEMI-GENERIQUE POUR UN VEHICULE**
[72] LAFRENIERE, PASCAL, CA
[72] GASSE, WILLIAM, CA
[72] BELANGER, FRANCOIS, CA
[73] SOUCY INTERNATIONAL INC., CA
[86] (2826698)
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[22] 2013-09-12
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[51] **Int.Cl. A61K 31/137 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **AQUEOUS PHARMACEUTICAL FORMULATION OF TAPENTADOL FOR ORAL ADMINISTRATION**
[54] **FORMULE PHARMACEUTIQUE AQUEUSE DE TAPENTADOL POUR ADMINISTRATION ORALE**
[72] REINHOLD, ULRICH, DE
[72] SCHILLER, MARC, DE
[72] WULSTEN, EVA, DE
[72] INGHELBRECHT, SABINE KARINE KATRIEN, BE
[72] EMBRECHTS, ROGER CAROLUS AUGUSTA, BE
[72] FEIL, ULRICH, DE
[73] GRUNENTHAL GMBH, DE
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[25] EN
[54] **QUANTUM DOT CARRIER PEPTIDE CONJUGATES SUITABLE FOR IMAGING AND DELIVERY APPLICATIONS IN PLANTS**
[54] **CONJUGUES PEPTIDIQUES SUPPORTS DE POINTS QUANTIQUES ADAPTES POUR DES APPLICATIONS D'IMAGERIE ET D'ADMINISTRATION DANS DES PLANTES**
[72] SAMUEL, JAYAKUMAR PON, US
[72] SAMBOJU, NARASIMHA CHARY, US
[72] YAU, KERRM Y., US
[72] LIN, GAOFENG, US
[72] WEBB, STEVEN R., US
[72] BURROUGHS, FRANK G., US
[73] DOW AGROSCIENCES LLC, US
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[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS DE REGULATION DES PLANTES ET LEURS UTILISATIONS**
[72] FLASINSKI, STANISLAW, US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2013-09-23
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[25] EN
[54] **FUNCTIONALIZED MAGNETIC NANOPARTICLES AND USE IN IMAGING AMYLOID DEPOSITS AND NEUROFIBRILLARY TANGLES**
[54] **NANOPARTICULES MAGNETIQUES FONCTIONNALISEES ET LEUR UTILISATION DANS L'IMAGERIE DE DEPOTS AMYLOIDES ET D'ENCHEVETREMENTS NEUROFIBRILLAIRES**
[72] AKHTARI, MASSOUD, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2013-09-24
[86] 2012-04-04 (PCT/US2012/032100)
[87] (WO2012/145169)
[30] US (61/477,958) 2011-04-21

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[51] **Int.Cl. B61D 15/06 (2006.01) B61D 17/06 (2006.01)**
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[54] **RAIL VEHICLE HAVING AN ATTACHED DEFORMATION ZONE**
[54] **VEHICULE FERROVIAIRE A ZONE DE DEFORMATION RAPPORTEE**
[72] HEINZL, PHILIPP, AT
[72] GRAF, RICHARD, AT
[72] SEITZBERGER, MARKUS, AT
[73] SIEMENS AG OSTERREICH, AT
[85] 2013-10-01
[86] 2012-03-26 (PCT/EP2012/055310)
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[30] AT (A 476/2011) 2011-04-04

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[25] FR
[54] **THIXOTROPIC .ALPHA.-LACTALBUMIN HYDROGELS, METHOD FOR PREPARING SAME AND USES THEREOF**
[54] **HYDROGELS THIXOTROPES A BASE D'.ALPHA.-LACTALBUMINE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS**
[72] FORGE, VINCENT, FR
[72] MATHEVON, CAROLE, FR
[72] PIGNON, FREDERIC, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2013-10-04
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) C12N 15/12 (2006.01) C12N 15/62 (2006.01)**
[25] FR
[54] **THERAPEUTIC PEPTIDES AND USE THEREOF AGAINST HUNTINGTON'S DISEASE**
[54] **PEPTIDES THERAPEUTIQUES ET LEUR UTILISATION CONTRE LA CHOREE DE HUNTINGTON**
[72] MASCHAT, FLORENCE, FR
[72] PARMENTIER, MARIE-LAURE, FR
[72] BONNEAUD, NATHALIE, FR
[72] ARRIBAT, YOAN, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[73] CENTRE NATIONAL DE LE RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE DE MONTPELLIER, FR
[85] 2013-10-07
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[25] EN
[54] **SYNTHETIC DNA MOLECULES FOR EXPRESSING A PROTEIN OF INTEREST**
[54] **MOLECULES D'ADN SYNTHETIQUE SERVANT A L'EXPRESSION D'UNE PROTEINE D'INTERET**
[72] LARRINUA, IGNACIO MARIO, US
[72] MERLO, DONALD J., US
[72] REDDY, AVUTU S., US
[72] THIRUMALAISWAMYSEKHAR, ARVIND KUMAR, US
[72] WOOSLEY, AARON TODD, US
[73] DOW AGROSCIENCES LLC, US
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[30] US (61/475,921) 2011-04-15

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[13] C
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[25] EN
[54] **ENERGY EFFICIENT PROCESS FOR PRODUCING NITROGEN OXIDE**
[54] **PROCEDE DE PRODUCTION DE MONOXYDE D'AZOTE ECONOME EN ENERGIE**
[72] INGELS, RUNE, NO
[73] N2 APPLIED AS, NO
[85] 2013-10-24
[86] 2012-04-23 (PCT/NO2012/050073)
[87] (WO2012/150865)
[30] NO (20110659) 2011-05-04

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[13] C
[51] **Int.Cl. D01D 5/06 (2006.01) D01F 2/00 (2006.01) D01F 9/17 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF LIGNIN-CONTAINING PRECURSOR FIBRES AND ALSO CARBON FIBRES**
[54] **PROCEDE DE PRODUCTION DE PREFIBRES CONTENANT DE LA LIGNINE AINSI QUE DE FIBRES DE CARBONE**
[72] LEHMANN, ANDRE, DE
[72] EBELING, HORST, DE
[72] FINK, HANS-PETER, DE
[73] STORA ENSO OYJ, FI
[85] 2013-11-06
[86] 2012-05-16 (PCT/EP2012/059112)
[87] (WO2012/156441)
[30] EP (11004131.6) 2011-05-18

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[13] C
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[25] EN
[54] **COMPOSITIONS FOR INHIBITION OF INSECT SENSING**
[54] **COMPOSITION DESTINEE A INHIBER LES PERCEPTIONS DES INSECTES**
[72] ZWIEBEL, LAURENCE, US
[72] PASK, GREGORY M., US
[72] RINKER, DAVID C., US
[72] ROMAINE, IAN M., US
[72] SULIKOWSKI, GARY A., US
[72] REID, PAUL R., US
[72] WATERSON, ALEX G., US
[72] KIM, KWANGHO, US
[72] JONES, PATRICK L., US
[72] TAYLOR, ROBERT W., US
[73] VANDERBILT UNIVERSITY, US
[85] 2013-11-06
[86] 2012-04-25 (PCT/US2012/034847)
[87] (WO2012/154403)
[30] US (61/483,440) 2011-05-06
[30] US (61/483,857) 2011-05-09
[30] US (61/540,929) 2011-09-29
[30] US (61/586,492) 2012-01-13
[30] US (61/625,602) 2012-04-17

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[13] C
[51] **Int.Cl. B62B 3/04 (2006.01) B60B 29/00 (2006.01) B60B 30/02 (2006.01) B60B 30/10 (2006.01) B62B 3/12 (2006.01) B65G 7/04 (2006.01) B65G 7/08 (2006.01) B66F 7/22 (2006.01) B66F 7/26 (2006.01) B66F 9/065 (2006.01)**
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[54] **HANDLING DEVICE AND METHOD**
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[73] COMBAT MEDICAL HOLDING LTD., GB
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[54] **PROCEDE DE FABRICATION DE DERIVES D'AMIDON HYDROXYETHYLE**
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[72] LUKOWCZYK, JAN, DE
[73] SERUMWERK BERNBURG AG, DE
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[54] **COMPOSANT ORGANIQUE A ELECTRODES AYANT UN AGENCEMENT ET UNE FORME AMELIORES**
[72] BENWADIH, MOHAMMED, FR
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[54] **PLACEMENT D'AGENT DE SOUTENEMENT HETEROGENE DANS UNE FRACTURE AVEC UNE CHARGE DE MATERIAU EXTRAMETRIQUE AMOVIBLE**
[72] LITVINETS, FEDOR NIKOLAEVICH, RU
[72] BOGDAN, ANDREY VLADIMIROVICH, RU
[72] MAKARYCHEV-MIKHAILOV, SERGEY MIKHAILOVICH, RU
[72] MEDVEDEV, OLEG, UA
[72] PENA, ALEJANDRO, US
[72] LYAPUNOV, KONSTANTIN MIKHAILOVICH, RU
[72] MIKHAYLOV, ALEXANDER VUACHESLAVOVICH, US
[72] LESKO, TIMOTHY M., US
[72] BROWN, J. ERNEST, US
[72] WILLBERG, DEAN M., US
[72] KOSAREV, IVAN VITALIEVICH, RU
[72] MEDVEDEV, ANATOLY VLADIMIROVICH, RU
[72] ABBOTT, JONATHAN, GB
[72] BURUKHIN, ALEXANDER ALEXANDROVICH, RU
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[54] **ENSEMBLE PAROI PREFABRIQUE AYANT UNE COUCHE DE MOUSSE EXTERNE**
[72] SIEVERS, MICHAEL J., US
[72] MCNULTY, MICHAEL J., US
[72] DREWERY, MICHAEL, US
[72] DAVENPORT, RICK, US
[72] POMA, MARY, US
[72] FOX, PAUL J., US
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[54] **PROCEDES DE PREPARATION D'UNE COMPOSITION COSMETIQUE COMPRENANT DE LA LEUCOLECTINE ET UTILISATIONS DE CETTE COMPOSITION**
[72] WALTHER, BERNT TH, NO
[72] LEREN, HANS KRISTIAN, NO
[72] FAGOT, FANNY, NO
[73] AQUA BIO TECHNOLOGY ASA, NO
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[72] DEUMER, PATRICK, LU
[73] VETEDY S.A R.L., LU
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[54] **GESTION DE RESEAU ENERGETIQUE DISTRIBUE**
[72] AHMED, OSMAN, US
[72] JUNG, MANFRED, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **COMPRIME CONTENANT DE LA DEHYDROEPIANDROSTERONE (DHEA)**
[72] COELINGH BENNINK, HERMAN JAN TIJMEN, NL
[72] PLATTEEUW, JOHANNES JAN, NL
[73] PANTARHEI BIOSCIENCE B.V., NL
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[54] **REACTEURS A MICROCANAUX ET LEURS PROCEDES DE FABRICATION**
[72] LUZENSKI, ROBERT, US
[72] SLANE, JEFFERY, US
[72] YUSCHAK, THOMAS, US
[72] NEAGLE, PAUL, US
[72] MARCHIANDO, MICHAEL, US
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[54] **PLANT GROWTH KINETICS CAPTURED BY MOTION TRACKING**
[54] **CINETIQUE DE LA CROISSANCE VEGETALE CAPTUREE PAR SUIVI DE MOUVEMENTS**
[72] SETLUR, PRADEEP, US
[72] PAI, REETAL, US
[72] GOLGOTIU, KIRSTI ALISE, US
[72] BEATTY, DOUGLAS, US
[73] DOW AGROSCIENCES LLC, US
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[54] **SAND SEPARATOR**
[54] **SEPARATEUR DE SABLE**
[72] LYON, BRUCE, CA
[72] MCINTOSH, GORDON, CA
[73] WAYFINDER SAND SOLUTIONS LTD., CA
[86] (2844330)
[87] (2844330)
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[54] **LIGHT RAIL VEHICLE MONITORING AND STOP BAR OVERRUN SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET DE DEPASSEMENT DE BARRE D'ARRET DE VEHICULE LEGER SUR RAIL**
[72] CROSS, BRAD, US
[73] STC, INC., US
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[54] **FULLY DIFFERENTIAL CAPACITIVE ARCHITECTURE FOR MEMS ACCELEROMETER**
[54] **ARCHITECTURE CAPACITIVE ENTIEREMENT DIFFERENTIELLE POUR ACCELEROMETRE MEMS**
[72] OCAK, ILKER ENDER, SG
[72] SUN, CHENGLIANG, SG
[72] TSAI, JULIUS MING-LIN, US
[72] FERNANDO, SANCHITHA NIRODHA, SG
[73] PGS GEOPHYSICAL AS, NO
[73] AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH, SG
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[54] **SYSTEME, PROCEDE ET APPAREIL POUR PRODUIT DE TOITURE AVEC EFFET D'OMBRAGE APPLIQUE**
[72] JENKINS, ROBERT L., US
[72] SHREVE, MICHAEL D., US
[73] CERTAINTEED CORPORATION, US
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[54] **PHOTOSENSIBILISATEURS (BACTERIO)CHLOROPHYLLIENS DESTINES AU TRAITEMENT DE TROUBLES ET DE MALADIES OCULAIRES**
[72] SCHERZ, AVIGDOR, IL
[72] SALOMON, YORAM, IL
[72] MARCOVICH, ARIE, IL
[72] BRANDIS, ALEXANDER, IL
[72] WAGNER, DANIEL, IL
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[54] **BRAKE CONTROL DEVICE FOR A BRAKE SYSTEM OF A RAIL VEHICLE, BRAKE SYSTEM, RAIL VEHICLE AND METHOD FOR OPERATING A BRAKE CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE FREINAGE POUR SYSTEME DE FREINAGE DE VEHICULE FERROVIAIRE, SYSTEME DE FREINAGE, VEHICULE FERROVIAIRE ET PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF DE COMMANDE DE FREINAGE**
[72] ELSTORPFF, MARC-GREGORY, DE
[72] NOCK, MARCO, DE
[72] VAN DE LOCHT, MIRIAM, DE
[73] KNORR-BREMSE SYSTEME FUR SCHIENENFAHRZEUGE GMBH, DE
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[54] **BENZODIAZEPINONES EN TANT QUE MODULATEURS DE FONCTIONS D'UN RECEPTEUR METABOTROPIQUE DU GLUTAMATE, ET UTILISATIONS NEUROLOGIQUES DE CEUX-CI**
[72] HUTCHINSON, JOHN HOWARD, US
[72] BLEICHER, LEO, US
[72] COSFORD, NICK, US
[72] ARDECKY, ROBERT JOHN, US
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[54] **ENSEMBLE SOUPAPE A PETIT DEBIT ET PROCEDE POUR FOURNIR DE LA MATIERE PARTICULAIRE A TRAVERS CET ENSEMBLE SOUPAPE A PETIT DEBIT**
[72] HANSEN, LARS ELMEKILDE, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2014-03-03
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[54] **RANDOM NUMBER GENERATOR**
[54] **GENERATEUR DE NOMBRE ALEATOIRE**
[72] SUSSMAN, BENJAMIN J., CA
[72] BUSTARD, PHILIP J., CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **DISTRIBUTEUR DE TICKETS**
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[72] MATTHEWS, STEPHEN, GB
[73] FASTRAK RETAIL (UK) LIMITED, GB
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[72] ACHE, JANET, US
[72] CHEN, WILLIAM WEIZHONG, US
[72] DARKO, KENNEDY AMOAKO, US
[72] MARTIN, DONALD RICHARD, US
[72] UZELAC, NENAD, US
[73] G & W ELECTRIC COMPANY, US
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[54] **SYSTEME DE FIXATION POUR UNE COURROIE TRANSPORTEUSE**
[72] RIDGELL, TERRAL A., US
[72] PIEHLER, MICHAEL V., US
[72] GUERNSEY, KEVIN W., US
[72] KUCHLER, JOHN H., JR., US
[73] LAITRAM, L.L.C., US
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[54] **PANSEMENTS AYANT UNE COUCHE ADHESIVE EXPANSEE**
[72] PATEL, BHARAT D., US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[54] **POINTE DE PIOCHEUSE-DEFONCEUSE POUR ENSEMBLE TIGE DE PIOCHEUSE-DEFONCEUSE**
[72] JESKE, CLIFFORD O., US
[72] RIVERA, EMILY J., US
[72] SMITH, MURRAY A., CA
[72] HARDER, CRAIG, CA
[73] CATERPILLAR INC., US
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[54] **COMPOSITION DE FLUIDE DIELECTRIQUE A BASE D'ESTER SYNTHETIQUE POUR GESTION THERMIQUE AMELIOREE**
[72] HAN, SUH JOON, US
[72] ZINKWEG, DIRK B., US
[72] LYSENKO, ZENON, US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-03-28
[86] 2012-09-26 (PCT/US2012/057291)
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[54] **COMPOSITION ANTIMICROBIENNE AQUEUSE CONTENANT DES ACIDES RESINIQUES DE CONIFERES**
[72] SIPPONEN, PENTTI, FI
[73] PATOLAB OY, FI
[85] 2014-04-02
[86] 2012-10-24 (PCT/FI2012/051019)
[87] (WO2013/060936)
[30] FI (20110371) 2011-10-26
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[25] EN
[54] **SUBSTITUTED BIARYL ALKYL AMIDES**
[54] **AMIDES A BIARYLE ALKYLE SUBSTITUE**
[72] CHAN, KYLE W.H., US
[72] MERCURIO, FRANK, US
[72] STIRLING, DAVID I., US
[73] BIOTHERYX, INC., US
[85] 2014-04-02
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[87] (WO2013/059215)
[30] US (61/548,076) 2011-10-17

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[25] EN
[54] **EXERCISE TRAINING SYSTEM**
[54] **SYSTEME D'EXERCICE D'ENTRAINEMENT**
[72] D'ANDRADE, DEREK, CA
[72] PEDERSEN, DENNIS, DK
[72] RASMUSSEN, ERIK VEJE, DK
[73] FITLIGHT SPORTS CORP., CA
[85] 2014-05-06
[86] 2012-11-15 (PCT/CA2012/001048)
[87] (WO2013/071408)
[30] US (61/559,940) 2011-11-15

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[51] **Int.Cl. G01N 35/08 (2006.01) B81B 7/00 (2006.01) G01N 21/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING PHASE BEHAVIOR**
[54] **APPAREIL ET PROCEDE POUR MESURE DE COMPORTEMENT DE PHASE**
[72] MOSTOWFI, FARSHID, CA
[72] MOLLA, SHAHNAWAZ, CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-05-06
[86] 2012-07-03 (PCT/US2012/045379)
[87] (WO2013/070283)
[30] US (61/557,019) 2011-11-08

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[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **COMPLETION METHOD FOR STIMULATION OF MULTIPLE INTERVALS**
[54] **PROCEDE DE COMPLETION POUR STIMULATION D'INTERVALLES MULTIPLES**
[72] FLEMING, JOHN, US
[72] RYTLEWSKI, GARY L., US
[72] PHILLIPS, LARRY W., US
[72] SWAREN, JASON, US
[72] FAUGERE, AUDE, US
[72] SHAMPINE, ROD, US
[72] LIU, ZHANKE, US
[72] BAZAN, PETE, JR., US
[72] DAVIS, JABUS TALTON, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-05-06
[86] 2012-10-26 (PCT/US2012/062098)
[87] (WO2013/070446)
[30] US (13/291,293) 2011-11-08

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[13] C
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[25] EN
[54] **RADIATION PROTECTING COMPOSITION AND METHODS FOR MAKING AND USING IT**
[54] **COMPOSITION DE PROTECTION CONTRE LE RAYONNEMENT ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**
[72] KRISTENSEN, JESPER SVENNING, DK
[72] AASMUL, SOREN, DK
[73] MEDTRONIC MINIMED, INC., US
[85] 2014-05-08
[86] 2012-11-14 (PCT/US2012/065073)
[87] (WO2013/074668)
[30] US (61/561,146) 2011-11-17
[30] US (13/660,648) 2012-10-25

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[13] C
[51] **Int.Cl. G16H 20/10 (2018.01)**
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD FOR MANAGING ADHERENCE TO A REGIMEN**
[54] **APPAREIL, SYSTEME, ET PROCEDE PERMETTANT DE GERER UNE ADHESION A UN REGIME**
[72] ROBERTSON, TIMOTHY, US
[72] MOON, GREGORY, US
[72] IONESCU, ARNA DIANA, US
[72] BEHZADI, YASHAR, US
[72] O'REILLY, DAVID, US
[72] FILNER, AARON, US
[72] KARPLUS, ERIKA, US
[72] COJUANGCO, DANIELLE SCHULZE, US
[72] BURGESS, SARA, US
[73] PROTEUS DIGITAL HEALTH, INC., US
[85] 2014-05-09
[86] 2012-11-08 (PCT/US2012/064149)
[87] (WO2013/070914)
[30] US (13/292,440) 2011-11-09

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[51] **Int.Cl. G05D 1/02 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DRIVING A MINING AND/OR CONSTRUCTION MACHINE IN A SAFE MANNER WITHOUT THE RISK OF COLLISION**
[54] **PROCEDE ET SYSTEME POUR ENTRAINER UN ENGIN D'EXPLOITATION MINIERE ET/OU DE CHANTIER DE MANIERE SURE SANS RISQUE DE COLLISION**
[72] LARSSON, JOHAN, SE
[73] EPIROC ROCK DRILLS AKTIEBOLAG, SE
[85] 2014-05-13
[86] 2012-11-15 (PCT/SE2012/051261)
[87] (WO2013/074034)
[30] SE (1151102-9) 2011-11-18

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[25] EN
[54] **VEHICLE WITH SELECTIVELY REVERSIBLE COOLING FAN**
[54] **VEHICULE DOTE D'UN VENTILATEUR DE REFROIDISSEMENT REVERSIBLE DE MANIERE SELECTIVE**
[72] PFOHL, KEVIN L., US
[72] CHESTERMAN, JOHN M., US
[72] GRATTON, MICHAEL R., US
[73] DEERE & COMPANY, US
[86] (2856635)
[87] (2856635)
[22] 2014-07-14
[30] US (13/942,389) 2013-07-15

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[13] C
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 9/52 (2006.01) A61K 33/24 (2019.01) A61K 41/00 (2006.01) A61K 47/04 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NANOPARTICLES COMPRISING METALLIC AND HAFNIUM OXIDE MATERIALS, PREPARATION AND USES THEREOF**
[54] **NANOPARTICULES COMPRENANT DES MATERIAUX METALLIQUES ET D'OXYDES D'HAFNIUM, LEUR PREPARATION ET UTILISATIONS**
[72] POTTIER, AGNES, FR
[72] LEVY, LAURENT, FR
[72] MEYRE, MARIE-EDITH, FR
[73] NANOBIOTIX, FR
[85] 2014-05-28
[86] 2012-12-17 (PCT/EP2012/075731)
[87] (WO2013/087920)
[30] US (61/576,437) 2011-12-16
[30] EP (11193968.2) 2011-12-16

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[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) H05B 6/44 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A CABLE CORE, HAVING A CONDUCTOR SURROUNDED BY AN INSULATION, FOR A CABLE, IN PARTICULAR FOR AN INDUCTION CABLE, AND CABLE CORE AND CABLE**
[54] **PROCEDE DE FABRICATION DE L'AME D'UN CABLE, COMPRENANT UN CONDUCTEUR ENTOURE PAR UN JOINT ISOLANT, DESTINE A UN CABLE, EN PARTICULIER A UN CABLE A INDUCTION, AME DE CABLE ET CABLE**
[72] MOSEBACH, JENS, DE
[72] DREINER, MICHAEL, DE
[73] LEONI KABEL HOLDING GMBH, DE
[85] 2014-06-02
[86] 2012-11-29 (PCT/EP2012/004929)
[87] (WO2013/079201)
[30] DE (10 2011 087 680.4) 2011-12-02

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[51] **Int.Cl. B81B 5/00 (2006.01) G01N 21/07 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **CENTRIFUGAL MICROFLUIDIC DEVICE**
[54] **DISPOSITIF MICROFLUIDIQUE A CENTRIFUGATION**
[72] FRIEND, JAMES, AU
[72] YEO, LESLIE YU-MING, AU
[72] CHAN, PEGGY, AU
[72] GLASS, NICHOLAS, AU
[72] SHILTON, RICHARD, AU
[73] ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY, AU
[85] 2014-06-04
[86] 2012-06-22 (PCT/AU2012/000732)
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[30] AU (2011905087) 2011-12-07

[11] **2,858,745**
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[51] **Int.Cl. H02G 1/02 (2006.01) B25J 18/00 (2006.01)**
[25] EN
[54] **BOOM MOUNTABLE ROBOTIC ARM**
[54] **BRAS DE ROBOT POUVANT ETRE MONTE SUR UNE FLECHE**
[72] DEVINE, CLIFFORD W., CA
[72] O'CONNELL, DANIEL N., CA
[73] QUANTA ASSOCIATES, L.P., US
[85] 2014-06-09
[86] 2012-12-10 (PCT/US2012/068729)
[87] (WO2013/086488)
[30] US (13/374,057) 2011-12-09

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[13] C
[51] **Int.Cl. H01L 51/52 (2006.01)**
[25] EN
[54] **ORGANIC MOLECULES FOR OLEDS AND OTHER OPTOELECTRONIC DEVICES**
[54] **MOLECULES ORGANIQUES POUR OLED (DIODES ELECTROLUMINESCENTES ORGANIQUES) ET AUTRES DISPOSITIFS OPTOELECTRONIQUES**
[72] YERSIN, HARTMUT, DE
[72] HUPFER, ALEXANDER, DE
[73] CYNORA GMBH, DE
[85] 2014-06-10
[86] 2012-12-11 (PCT/EP2012/075112)
[87] (WO2013/092313)
[30] DE (10 2011 089 687.2) 2011-12-22

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[13] C
[51] **Int.Cl. B21K 27/04 (2006.01) B21J 13/10 (2006.01) B25J 15/00 (2006.01)**
[25] EN
[54] **GRIPPER ASSEMBLY FOR A MANIPULATOR AND METHOD OF USE**
[54] **ENSEMBLE PREHENSION POUR MANIPULATEUR ET PROCEDE D'UTILISATION**
[72] HEBERT, DAVID, US
[72] FOLEY, MATTHEW LOUIS, II, US
[72] MEYERS, CHRIS, US
[72] PHAM, DIANE, US
[73] FIRTH RIXSON LIMITED, US
[85] 2014-06-10
[86] 2013-01-07 (PCT/US2013/020482)
[87] (WO2013/106268)
[30] US (13/346,227) 2012-01-09

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[51] **Int.Cl. A61B 17/02 (2006.01)**
[25] EN
[54] **SURGICAL RETRACTOR SYSTEMS**
[54] **SYSTEMES DE RETRACTEURS CHIRURGICAUX**
[72] FOULON, WOUTER, BE
[72] WINNELINCKX, BASTIAAN, BE
[72] CORTEN, KRISTOFF, BE
[73] MEDENVISION, BE
[85] 2014-06-20
[86] 2012-12-20 (PCT/EP2012/076528)
[87] (WO2013/092938)
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[51] **Int.Cl. F04D 29/54 (2006.01) F01D 25/24 (2006.01) F04D 9/04 (2006.01) F04D 25/04 (2006.01) F04D 29/64 (2006.01) F04D 29/66 (2006.01)**
[25] FR
[54] **ANGULAR DOWNSTREAM GUIDE VANE SECTOR WITH VIBRATION DAMPING BY MEANS OF A WEDGE FOR A TURBINE ENGINE COMPRESSOR**
[54] **SECTEUR ANGULAIRE DE REDRESSEUR A AMORTISSEMENT DE VIBRATIONS PAR COIN POUR COMPRESSEUR DE TURBOMACHINE**
[72] CLOAREC, YVON, FR
[72] DEZOUCHE, LAURENT GILLES, FR
[73] SNECMA, FR
[85] 2014-07-03
[86] 2013-01-11 (PCT/FR2013/050069)
[87] (WO2013/107967)
[30] FR (1250487) 2012-01-18

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[51] **Int.Cl. B64C 1/40 (2006.01) B64F 5/10 (2017.01) F16B 5/00 (2006.01) F16L 59/13 (2006.01)**
[25] EN
[54] **MOUNTING ASSEMBLY AND METHOD FOR MOUNTING A SOUND-DEADENING BODY TO A FUSELAGE OF AN AIRCRAFT**
[54] **ENSEMBLE DE MONTAGE ET PROCEDE DE MONTAGE D'UN CORPS D'ATTENUATION SONORE SUR UN FUSELAGE D'UN AVION**
[72] YOVICH, NICHOLAS W., US
[72] LUCAS, MICHAEL EUGENE, US
[73] GULFSTREAM AEROSPACE CORPORATION, US
[85] 2014-07-03
[86] 2013-01-10 (PCT/US2013/020928)
[87] (WO2013/106500)
[30] US (13/347,454) 2012-01-10

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[51] **Int.Cl. C12C 12/04 (2006.01) C12G 3/08 (2006.01)**
[25] EN
[54] **LOW ALCOHOL OR ALCOHOL FREE FERMENTED MALT BASED BEVERAGE AND METHOD FOR PRODUCING IT**
[54] **BOISSON FERMENTEE A BASE DE MALT SANS ALCOOL OU A FAIBLE TENEUR EN ALCOOL, ET SON PROCEDE DE PRODUCTION**
[72] VANDERHAEGEN, BART, BE
[73] ANHEUSER-BUSCH INBEV S.A., BE
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[86] 2012-12-21 (PCT/EP2012/076572)
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[30] EP (12151245.3) 2012-01-16

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[25] EN
[54] **LABEL PAPER PROCESSING APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE PAPIER POUR ETIQUETTES**
[72] IZAWA, HIDEO, JP
[72] NAMIKI, TAKAO, JP
[72] ISHIKAWA, AKIRA, JP
[72] YAMAZAKI, YUUICHI, JP
[73] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[86] (2861929)
[87] (2861929)
[22] 2014-09-04
[30] JP (2013-190550) 2013-09-13

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[51] **Int.Cl. F25B 47/02 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **USING WEATHER DATA IN HEAT PUMP DEFROST CONTROL**
[54] **UTILISATION DE DONNEES METEOROLOGIQUES DANS LA COMMANDE DE DEGIVRAGE DE POMPES A CHALEUR**
[72] QU, YI, US
[72] HREJSA, PETE, US
[73] LENNOX INDUSTRIES INC., US
[86] (2862943)
[87] (2862943)
[22] 2014-09-10
[30] US (14/040,069) 2013-09-27

[11] **2,863,008**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 28/04 (2009.01) H04W 74/00 (2009.01)**
[25] EN
[54] **FULL DUPLEX RESOURCE REUSE ENABLEMENT**
[54] **AUTORISATION DE REUTILISATION DE RESSOURCES EN DUPLEX INTEGRAL**
[72] BUCKLEY, MICHAEL EOIN, US
[72] ALI, SHIROOK M., CA
[73] BLACKBERRY LIMITED, CA
[86] (2863008)
[87] (2863008)
[22] 2014-09-11
[30] US (14/027,004) 2013-09-13

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[11] **2,865,538**
[13] C
[51] **Int.Cl. B66B 5/20 (2006.01)**
[25] EN
[54] **SAFETY BRAKE DEVICE IN A LIFT INSTALLATION**
[54] **DISPOSITIF ANTICHUTE POUR INSTALLATION D'ASCENSEUR**
[72] OSMANBASIC, FARUK, CH
[72] HEINI, MIRIAM, CH
[72] KOLLROS, QUIRIN, CH
[72] BARMETTLER, SIMON, CH
[73] INVENTIO AG, CH
[85] 2014-08-25
[86] 2013-03-08 (PCT/EP2013/054689)
[87] (WO2013/139616)
[30] EP (12160396.3) 2012-03-20

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[25] EN
[54] **HANDHOLD ASSEMBLY**
[54] **ENSEMBLE POIGNEE**
[72] CARTER, ZACHARY R., US
[72] HAUSER, SCOTT M., US
[73] CATERPILLAR INC., US
[85] 2014-08-28
[86] 2013-03-06 (PCT/US2013/029286)
[87] (WO2013/138128)
[30] US (13/421,900) 2012-03-16

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[13] C
[51] **Int.Cl. B26D 1/56 (2006.01) A22C 17/00 (2006.01)**
[25] EN
[54] **A CUTTING APPARATUS FOR CUTTING FOOD ITEMS CONVEYED ON A CONVEYOR INCLUDING AT LEAST ONE CONVEYOR BELT**
[54] **UN APPAREILLAGE DE COUPE DESTINE A COUPER DES ALIMENTS TRANSPORTES SUR UN TRANSPORTEUR COMPRENANT AU MOINS UNE COURROIE DE TRANSPORT**
[72] FINNSSON, THORIR, IS
[73] MAREL ICELAND EHF, IS
[85] 2014-09-08
[86] 2013-03-08 (PCT/EP2013/054743)
[87] (WO2013/132068)
[30] EP (12001608.4) 2012-03-08
[30] US (61/624,563) 2012-04-16

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[13] C
[51] **Int.Cl. C08G 18/28 (2006.01) C08G 18/18 (2006.01) C08G 18/76 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **ISOCYANATE-BASED PREPOLYMER**
[54] **PREPOLYMERE A BASE D'ISOCYANATE**
[72] VERBEKE, WESLEY, BE
[72] LEROY, DIMITRI, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
[85] 2014-09-09
[86] 2013-03-19 (PCT/EP2013/055658)
[87] (WO2013/143915)
[30] EP (12162092.6) 2012-03-29

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[13] C
[51] **Int.Cl. B29C 55/06 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **INCREMENTALLY-STRETCHED THERMOPLASTIC FILMS WITH ENHANCED LOOK AND FEEL**
[54] **PELLICULES THERMOPLASTIQUES ETIREES PROGRESSIVEMENT AYANT UN ASPECT ET UNE TEXTURE AMELIORES**
[72] BORCHARDT, MICHAEL G., US
[72] DORSEY, ROBERT T., US
[73] THE GLAD PRODUCTS COMPANY, US
[85] 2014-09-11
[86] 2013-03-27 (PCT/US2013/034038)
[87] (WO2013/148795)
[30] US (13/433,133) 2012-03-28

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[13] C
[51] **Int.Cl. A61G 7/05 (2006.01) A47C 21/00 (2006.01) A61G 7/057 (2006.01)**
[25] EN
[54] **PATIENT-ORIENTING ALTERNATING PRESSURE DECUBITUS PREVENTION SUPPORT APPARATUS**
[54] **APPAREIL SUPPORT DE PREVENTION DES ESCARRES DE DECUBITUS PAR ALTERNANCE DE L'ORIENTATION DES PATIENTS**
[72] SQUITIERI, RAFAEL P., US
[73] TURNCARE, INC., US
[85] 2014-09-22
[86] 2013-04-01 (PCT/US2013/034845)
[87] (WO2013/151942)
[30] US (61/618,936) 2012-04-02
[30] US (13/660,429) 2012-10-25

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[13] C
[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/16 (2006.01)**
[25] EN
[54] **COUPLING RING, METHODS, AND APPLICATIONS**
[54] **BAGUE D'ACCOUPLEMENT, PROCEDES, ET APPLICATIONS**
[72] WOODARD, REAGAN, US
[72] BASNIGHT, MATTHEW, US
[72] MARC, ETIENNE, US
[72] THOMPSON, JAMES N., US
[72] HOPEWELL, WILLIAM, US
[73] FAIRFIELD INDUSTRIES INCORPORATED, US
[85] 2014-10-08
[86] 2013-04-08 (PCT/US2013/035603)
[87] (WO2013/154986)
[30] US (13/442,064) 2012-04-09

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[13] C
[51] **Int.Cl. F24F 11/65 (2018.01) F24F 11/80 (2018.01) F24D 19/10 (2006.01)**
[25] EN
[54] **AN HVAC CONTROLLER AND METHOD FOR OPERATING AN HVAC SYSTEM BASED ON A DIFFERENCE IN TEMPERATURE BETWEEN RETURN AIR AND SUPPLY AIR AND AN HVAC SYSTEM EMPLOYING THE CONTROLLER OR METHOD**
[54] **UNE COMMANDE DE SYSTEME DE CHAUFFAGE, DE VENTILATION ET DE CLIMATISATION ET UN PROCEDE D'EXPLOITATION D'UN SYSTEME DE CHAUFFAGE, VENTILATION ET CLIMATISATION EN FONCTION D'UNE DIFFERENCE DE TEMPERATURE ENTRE L'AIR DE RETOUR ET L'AIR FOURNI ET UN SYSTEME DE CHAUFFAGE, DE VENTILATION ET DE CLIMATISATION QUI EMPLOIE LA COMMANDE OU LE PROCEDE**
[72] SAKAI, TAKESHI, US
[72] HREJSA, PETE, US
[73] LENNOX INDUSTRIES INC., US
[86] (2871054)
[87] (2871054)
[22] 2014-11-14
[30] US (14/160,300) 2014-01-21

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[51] **Int.Cl. F41H 7/03 (2006.01)**
[25] FR
[54] **ARMOURED VENTILATION GRILLE**
[54] **GRILLE D'AERATION BLINDEE**
[72] SERPEAULT, JEROME, FR
[72] DESORMIERE, VINCENT, FR
[72] VALLEE, DANIEL, FR
[73] NEXTER SYSTEMS, FR
[85] 2014-11-06
[86] 2013-04-30 (PCT/FR2013/050958)
[87] (WO2013/171397)
[30] FR (12/01402) 2012-05-14

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[51] **Int.Cl. F04B 47/02 (2006.01)**
[25] EN
[54] **RECIPROCATING PUMP DRIVE ASSEMBLY**
[54] **DISPOSITIF D'ENTRAINEMENT DE POMPE ALTERNATIVE**
[72] CHRISTENSEN, COREY, CA
[73] PCM ARTIFICIAL LIFT SOLUTIONS INC., CA
[86] (2873209)
[87] (2873209)
[22] 2014-12-04

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[13] C
[51] **Int.Cl. A61B 6/04 (2006.01)**
[25] EN
[54] **JOINT ASSEMBLY FOR CONNECTING A LONG EXTENSION PANEL TO A PATIENT SUPPORT PANEL OF A RADIATION THERAPY TABLE AND A TWO-PIECE PATIENT SUPPORT TABLE FORMED THEREBY**
[54] **ENSEMBLE JOINT POUR RELIER UN PANNEAU D'EXTENSION ALLONGE A UN PANNEAU DE SUPPORT DE PATIENT D'UNE TABLE DE RADIOTHERAPIE ET TABLE DE SUPPORT DE PATIENT EN DEUX PARTIES FORMEE PAR CELUI-CI**
[72] WILSON, ROGER F., US
[72] KLASSON, CHARLES, US
[72] RIBBLE, BRUCE, US
[73] MEDTEC, INC., US
[85] 2014-11-21
[86] 2013-05-21 (PCT/US2013/041978)
[87] (WO2013/177131)
[30] US (13/477,433) 2012-05-22

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[13] C
[51] **Int.Cl. B01J 37/03 (2006.01) B01J 21/04 (2006.01) B01J 21/06 (2006.01) B01J 23/75 (2006.01) B01J 35/00 (2006.01) B01J 37/08 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **MODIFIED SUPPORT MATERIAL FOR FISCHER-TROPSH SYNTHESIS CATALYST**
[54] **MATERIAU DE SUPPORT MODIFIE DESTINE A UN CATALYSEUR DE SYNTHESE FISCHER-TROPSH**
[72] MEYER, RITA, ZA
[72] VISAGIE, JACOBUS LUCAS, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
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[54] **AIR SHUTOFF SWING GATE VALVE**
[54] **VANNE D'ARRET D'AIR DE PORTE BASCULANTE**
[72] MOLAVI, KAMYAR, US
[72] MCCLYMONDS, KEN, US
[73] AMOT CONTROLS CORP, US
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[54] **METAL OBJECT OR FEATURE DETECTION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE DETECTION D'OBJET METALLIQUE OU DE CARACTERISTIQUE METALLIQUES**
[72] FRY, TERRY, US
[73] FRY, TERRY, US
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[54] **PROTECTIVE RELEASE SHEET FOR MICRONEEDLE PATCH**
[54] **FEUILLE ANTIADHESIVE PROTECTRICE POUR TIMBRE TRANSDERMIQUE A MICROAIGUILLES**
[72] QUAN, YING-SHU, JP
[72] KAMIYAMA, FUMIO, JP
[73] COSMED PHARMACEUTICAL CO., LTD., JP
[85] 2014-12-12
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[25] EN
[54] **RIBBON CUTTER**
[54] **COUPE-RUBAN**
[72] CRISPEL, MICHAEL, CA
[73] JEFF'S CIRCLE INC., CA
[73] SAMSTER CORPORATION, CA
[73] SLOAN HOLDINGS INC., CA
[86] (2877252)
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[54] **PROCESS FOR MANUFACTURING FILLED POLYMERIC MATERIALS WITH MODIFIED FILLER PARTICLES**
[54] **PROCEDE DE FABRICATION DE MATERIAUX POLYMERES CHARGES AVEC DES PARTICULES DE CHARGE MODIFIEES**
[72] ROSE, JEFFREY MICHAEL, US
[72] HUTCHINS, CLYDE SPENCER, US
[72] WYANT, TIMOTHY SCOTT, US
[72] KARWAS, CHRISTOPHER P., US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **A TOY BRICK, A METHOD OF MANUFACTURING A TOY BRICK AND A MOULDING TOOL FOR THE MANUFACTURE OF A TOY BRICK**
[54] **BRIQUE DE JOUET, PROCEDE DE FABRICATION D'UNE BRIQUE DE JOUET ET OUTIL DE MOULAGE POUR LA FABRICATION D'UNE BRIQUE DE JOUET**
[72] KRAAG HENRIKSEN, PREBEN, DK
[73] LEGO A/S, DK
[85] 2015-01-02
[86] 2013-07-09 (PCT/EP2013/064447)
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[54] **COMPOSITE MATERIAL WITH POLYAMIDE PARTICLES**
[54] **MATERIAU COMPOSITE COMPRENANT DES PARTICULES DE POLYAMIDE**
[72] WANG, YEN-SEINE, US
[72] BOYLE, MAUREEN, US
[73] HEXCEL CORPORATION, US
[85] 2015-01-26
[86] 2013-08-01 (PCT/US2013/053301)
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[54] **RUG CLEANING DEVICE**
[54] **DISPOSITIF POUR LE NETTOYAGE DE TAPIS**
[72] CABRAL BETANCOR, ANTONIO, ES
[73] CABRAL BETANCOR, ANTONIO, ES
[85] 2015-02-11
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[54] **GROOVED ADHESIVE TAPE**
[54] **RUBAN ADHESIF RAINURE**
[72] EBENAU, STEFFEN, DE
[72] THEBUD, NILS, DE
[73] TESA SE, DE
[85] 2015-02-12
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[25] FR
[54] **DRAINAGE METHOD AND PURGE COLLECTOR OF A CARBURATION SYSTEM OF A HELICOPTER**
[54] **PROCEDE DE VIDANGE ET COLLECTEUR DE PURGE DE CIRCUIT DE CARBURATION D'UN HELICOPTERE**
[72] PEARCE, SIMON, FR
[72] LAVIE-CAMBOT, BERNARD, FR
[72] MOEBS, HUBERT, DE
[73] TURBOMECA, FR
[85] 2015-02-16
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[25] EN
[54] **STROBILURIN FORMULATIONS**
[54] **FORMULATIONS DE STROBILURINE**
[72] LI, FUGANG, CA
[72] PHAM, HUNG HOANG, CA
[72] GONG, RACHEL, CA
[72] GALAS, HENRY, CA
[72] ANDERSON, DARREN J., CA
[73] VIVE CROP PROTECTION INC., CA
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[25] EN
[54] **FORMATION OF [2,2] PARACYCLOPHANE AND RELATED COMPOUNDS AND METHODS FOR THE FORMATION OF POLYMERS FROM CYCLOPHANES**
[54] **FORMATION DE [2,2] PARACYCLOPHANE ET DE COMPOSES APPARENTES ET PROCEDES POUR LA FORMATION DE POLYMERES A PARTIR DE CYCLOPHANES**
[72] CARVER, DAVID, US
[72] REYNOLDS, SEAN, US
[73] CARVER SCIENTIFIC, INC., US
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[25] EN
[54] **IMPROVEMENT TO THE SURFACE QUALITY OF MAIN AND PIN BEARINGS ON STAINLESS STEEL CRANKSHAFTS**
[54] **PROCEDE PERMETTANT D'AMELIORER LA QUALITE DES SURFACES DE VILEBREQUINS**
[72] MALDANER, JANDREY, DE
[72] HEIMANN, ALFRED, DE
[73] HEGENSCHEIDT-MFD GMBH & CO. KG, DE
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[25] EN
[54] **METHODS FOR THE CONTROL OF PLANT PARASITIC NEMATODES COMPRISING APPLICATION OF OXADIAZOLE COMPOUNDS TO PLANTS, SEEDS OR SOIL**
[54] **METHODES DE CONTROLE DES NEMATODES PARASITES DE VEGETAUX COMPRENANT L'APPLICATION DE COMPOSES D'OXADIAZOLE AUX PLANTES, AUX SEMENCES OU AU SOL**
[72] WILLIAMS, DERYCK J., US
[72] DIMMIC, MATT W., US
[72] HAAKENSON, WILLIAM P., JR., US
[72] WIDEMAN, AL, US
[72] SHORTT, BARRY J., US
[72] CHEESERIGHT, TIM, GB
[72] CRAWFORD, MICHAEL J., US
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **APPARATUS AND METHOD FOR MOBILE COMMUNICATIONS AND COMPUTING**
[54] **APPAREIL ET PROCEDE POUR COMMUNICATIONS MOBILES ET INFORMATIQUE**
[72] CORNELIUS, MICHAEL JOHN, AU
[72] COLLINS, STEVEN RICHARD, AU
[73] NETCOMM WIRELESS LIMITED, AU
[85] 2015-03-18
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[25] EN
[54] **ASPHALT COMPOSITIONS WITH CRACKING RESISTANCE ADDITIVES**
[54] **COMPOSITIONS D'ASPHALTE AVEC DES ADDITIFS DE RESISTANCE AU CRAQUAGE**
[72] MORAN, LYLE EDWIN, CA
[72] MCKIBBEN, LAUREN FRANCES, CA
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] EN
[54] **PROCESS FOR MAKING LUBE BASE STOCKS FROM RENEWABLE FEEDS**
[54] **PROCEDE DE FABRICATION D'HUILES DE BASE DE LUBRIFIANT A PARTIR D'ALIMENTATIONS RENOUVELABLES**
[72] ROBERTS, VIRGINIA M., US
[72] HO, SUZZY C.H., US
[72] OLDENBURG, PAUL D., US
[72] DAAGE, MICHEL, US
[72] WANG, KUN, US
[72] FINGLAND, BRADLEY R., US
[72] HANKS, PATRICK L., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] EN
[54] **CONTAINER WITH ARTICULATABLE STATUETTE**
[54] **RECIPIENT AYANT UNE STATUETTE POUVANT ETRE ARTICULEE**
[72] SWARTZ, PAUL, US
[72] BAUGH, NATHANIEL, US
[73] SWARTZ, PAUL, US
[73] BAUGH, NATHANIEL, US
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[54] **USING CLAMPING TO MODIFY SCROLLING**
[54] **UTILISATION D'UN CALAGE POUR MODIFIER UN DEFILEMENT**
[72] HAUSER, JASPER REID, US
[72] SINGH, JASLEEN, US
[72] KALDOR, JONATHAN M., US
[72] BAILEY, WILLIAM S., US
[72] KOLESNIKOV, VLADIMIR, US
[73] FACEBOOK, INC., US
[85] 2015-05-20
[86] 2013-11-27 (PCT/US2013/072116)
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[54] **ZINC AMINO ACID/TRIMETHYLGLYCINE HALIDE**
[54] **HALOGENURE DE ZINC-ACIDE AMINE/TRIMETHYLGLYCINE**
[72] PAN, LONG, US
[72] MATTAI, JAIRAJH, US
[72] ANSARI, SHAMIM, US
[72] QIU, JIANHONG, US
[72] MASTERS, JAMES GERARD, US
[72] YANG, YING, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **PROTECTIVE SHROUD**
[54] **ENVELOPPE PROTECTRICE**
[72] MESHER, DAREL, CA
[73] TETRA TECH, INC., US
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[25] EN
[54] **X-RAY REDUCTION SYSTEM**
[54] **SYSTEME DE REDUCTION DE RAYONS X**
[72] MELMAN, HAIM ZVI, IL
[72] GUEZ, ALLON, US
[73] CONTROLRAD SYSTEMS INC., US
[85] 2015-05-26
[86] 2013-11-07 (PCT/IB2013/059976)
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[54] **POLYMER SEAL ASSEMBLY**
[54] **JOINT D'ETANCHEITE EN POLYMERE**
[72] LENHERT, JON M., US
[72] RACICOT, ROBERT T., US
[72] LE, KHA V., US
[73] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR CALIBRATING, CONFIGURING AND VALIDATING AN IMAGING DEVICE OR SYSTEM FOR MULTIPLEX TISSUE ASSAYS**
[54] **SYSTEMES ET PROCEDES POUR ETALONNER, CONFIGURER ET VALIDER UN DISPOSITIF OU UN SYSTEME D'IMAGERIE POUR DOSAGES TISSULAIRES MULTIPLEX**
[72] GARSHA, KARL, US
[72] OTTER, MICHAEL, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2015-06-22
[86] 2014-01-31 (PCT/EP2014/051920)
[87] (WO2014/118326)
[30] US (61/759,262) 2013-01-31

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[25] EN
[54] **ELECTROCHEMICAL SYNTHESIS TO PRODUCE LUBE STOCK FROM RENEWABLE FEEDS**
[54] **SYNTHESE ELECTROCHIMIQUE POUR PRODUIRE DE L'HUILE DE BASE POUR LUBRIFIANT A PARTIR DE CHARGES RENOUVELABLES**
[72] WANG, KUN, US
[72] TAN, LIENA, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-06-29
[86] 2014-02-07 (PCT/US2014/015199)
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[54] **CARRIER AGGREGATION IN WIRELESS COMMUNICATION SYSTEM**
[54] **AGREGATION DE PORTEUSES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] KO, YOUNG JO, KR
[72] NOH, TAE GYUN, KR
[72] LEE, KYOUNG SEOK, KR
[72] SEO, BANG WON, KR
[72] JEONG, BYUNG JANG, KR
[72] LEE, HEESOO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[25] EN
[54] **TREATMENT COMPOSITIONS COMPRISING MICROCAPSULES, PRIMARY OR SECONDARY AMINES, AND FORMALDEHYDE SCAVENGERS**
[54] **COMPOSITIONS DE TRAITEMENT COMPRENANT DES MICROCAPSULES, DES AMINES PRIMAIRES ET SECONDAIRES, ET DES PIEGEURS DE FORMALDEHYDE**
[72] BIANCHETTI, GIULIA OTTAVIA, IT
[72] BOUTIQUE, JEAN-POL, BE
[72] DENUTTE, HUGO ROBERT GERMAIN, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-07-08
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[30] EP (13152210.4) 2013-01-22

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[51] **Int.Cl. C08J 5/04 (2006.01) B29C 70/58 (2006.01) C08L 97/00 (2006.01)**
[25] EN
[54] **MICROSTRUCTURED COMPOSITE MATERIAL, METHOD FOR THE PRODUCTION THEREOF, MOULDED ARTICLES MADE HEREOF AND ALSO PURPOSES OF USE**
[54] **MATERIAU COMPOSITE MICROSTRUCTURE, SON PROCEDE DE FABRICATION, CORPS FACONNE REALISE DANS CE MATERIAU ET APPLICATIONS CORRESPONDANTES**
[72] ERDMANN, JENS, DE
[72] ENGELMANN, GUNNAR, DE
[72] GANSTER, JOHANNES, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-08-07
[86] 2014-01-09 (PCT/EP2014/050256)
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[30] DE (10 2013 002 574.5) 2013-02-11

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[25] EN
[54] **CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE**
[72] NEAFSEY, JEFFREY SCOTT, US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2015-08-10
[86] 2014-02-10 (PCT/US2014/015652)
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[30] US (61/762,742) 2013-02-08

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[51] **Int.Cl. B64C 3/56 (2006.01) B64C 19/00 (2006.01)**
[25] EN
[54] **BACKUP SYSTEM**
[54] **SYSTEME DE PROTECTION**
[72] GOOD, MARK STEVEN, US
[72] LASSEN, MATTHEW AUGUST, US
[72] RENZELMANN, MICHAEL E., US
[72] GARDNER, MARK J., US
[72] LESYNA, MARK WILLIAM, US
[72] HILL, BRIAN CURTIS, US
[72] TYLER, NICHOLAS SETH, US
[73] THE BOEING COMPANY, US
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[22] 2015-08-17
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[51] **Int.Cl. B61L 23/04 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS TO DETECT AND REPORT TRACK STRUCTURE DEFECTS**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE DETECTER ET SIGNALER DES DEFAUTS STRUCTURELS D'UNE VOIE FERREE**
[72] KERNWEIN, JEFFREY D., US
[72] NEUPAVER, ALBERT J., US
[73] WABTEC HOLDING CORP., US
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[54] **ENHANCED PLAYLIST DEFINITION AND DELIVERY FOR FAST CHANNEL CHANGE WITH HTTP ADAPTIVE STREAMING**
[54] **DEFINITION ET DELIVRANCE DE LISTE DE LECTURE AMELIOREES POUR CHANGEMENT DE CANAL RAPIDE AVEC DIFFUSION EN FLUX ADAPTATIVE HPPT**
[72] GREGOTSKI, MARK E., US
[73] ARRIS ENTERPRISES LLC, US
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[25] EN
[54] **BARLEY BEVERAGE WITH REDUCED-FERULIC ACID AND METHOD RELATING TO SAME**
[54] **BOISSON D'ORGE A TENEUR EN ACIDE FERULIQUE REDUITE ET PROCEDE ASSOCIE**
[72] KOZAKI, YOICHI, JP
[72] MATSUDA, YUTAKA, JP
[72] HAMAGUCHI, TETSU, JP
[73] SAPPORO BREWERIES LIMITED, JP
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[25] EN
[54] **LIPID COMPOSITIONS CONTAINING BIOACTIVE FATTY ACIDS**
[54] **COMPOSITIONS LIPIDIQUES CONTENANT DES ACIDES GRAS BIOACTIFS**
[72] REMMEREIT, JAN, NO
[72] BERGER, ALVIN, US
[73] SCIADONICS, INC., US
[85] 2015-09-09
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[54] **MICROEMULSION TOPICAL DELIVERY PLATFORM**
[54] **PLATEFORME D'ADMINISTRATION TOPIQUE D'UNE MICROEMULSION**
[72] WASSEL, RONALD A., US
[72] MONDALEK, FADEE GEORGE, US
[72] FARJO, RAFAL A., US
[72] QUIAMBAO, ALEXANDER B., US
[72] NUNO, DIDIER J., US
[73] EYECRO, LLC, US
[85] 2015-09-09
[86] 2014-03-13 (PCT/US2014/025773)
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[25] EN
[54] **GRAPHENE COMPOSITE AND METHOD OF PRODUCING THE SAME**
[54] **COMPOSITE DE GRAPHENE ET METHODE DE PRODUCTION ASSOCIEE**
[72] HASEGAWA, SHOJI, JP
[72] KAMIYA, NAGISA, JP
[73] GRAPHENE PLATFORM CORPORATION, JP
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[87] (2905717)
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[54] **VISUAL POSITIONING WITH DIRECTION ORIENTATION NAVIGATION SYSTEM**
[54] **POSITIONNEMENT VISUEL COMPORTANT UN SYSTEME DE NAVIGATION D'ORIENTATION DIRECTIONNELLE**
[72] JOE, TOBBY, US
[73] JOE, EVAN, US
[85] 2015-09-14
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[51] **Int.Cl. H04W 56/00 (2009.01)**
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[54] **DEVICE, NETWORK, AND METHOD FOR UTILIZING A DOWNLINK DISCOVERY REFERENCE SIGNAL**
[54] **DISPOSITIF, RESEAU ET PROCEDE POUR L'UTILISATION D'UN SIGNAL DE REFERENCE DE DECOUVERTE DE LIAISON DESCENDANTE**
[72] CHENG, QIAN, US
[72] LIU, JIALING, US
[72] XIAO, WEIMIN, US
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-09-25
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[54] **DECODING METHOD AND DECODING APPARATUS FOR SPEECH SIGNAL**
[54] **METHODE DE DECODAGE ET APPAREIL DE DECODAGE DESTINES AU SIGNAL DE LA PAROLE**
[72] WANG, BIN, CN
[72] MIAO, LEI, CN
[72] LIU, ZEXIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DEVICE FOR REDUCING THE DRIVE POWER REQUIREMENT OF A WATERCRAFT**
[54] **DISPOSITIF PERMETTANT DE REDUIRE LA DEMANDE DE PUISSANCE DE PROPULSION D'UN BATEAU**
[72] LEHMANN, DIRK, DE
[72] MEWIS, FRIEDRICH, DE
[73] BECKER MARINE SYSTEMS GMBH & CO. KG, DE
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[86] 2014-03-31 (PCT/EP2014/056412)
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[54] **COORDINATES INFORMATION PROVIDING SYSTEM AND READ INFORMATION MANAGEMENT SYSTEM**
[54] **SYSTEME DE REMISE D'INFORMATIONS DE PORT COMBINE ET SYSTEME DE GESTION D'INFORMATIONS LUES**
[72] MAEZAWA, YUSAKU, JP
[72] KUBOTA, TATSUYA, JP
[73] START TODAY CO., LTD., JP
[85] 2015-11-06
[86] 2014-03-17 (PCT/JP2014/057078)
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[30] JP (2013-104844) 2013-05-17
[30] JP (2013-186289) 2013-09-09

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[25] EN
[54] **SYSTEM AND METHOD FOR TDD CONFIGURATION FOR DEVICE-TO-DEVICE OPEN DISCOVERY**
[54] **SYSTEME ET METHODE DE CONFIGURATION DE DUPLEXAGE TEMPOREL DESTINE A LA DECOUVERTE OUVERTE DE DISPOSITIF A DISPOSITIF**
[72] SARTORI, PHILIPPE, US
[72] DESAI, VIPUL, US
[72] AL-SHALASH, MAZIN, US
[72] XIAO, WEIMIN, US
[72] SOONG, AUTHONY C.K, US
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **WETTABILITY ALTERING FLUIDS DURING DOWNHOLE OPERATIONS**
[54] **FLUIDES DE MODIFICATION DE LA MOUILLABILITE POUR DES OPERATIONS DE FOND DE TROU**
[72] GAMAGE, PUBUDU H., US
[72] SHUMWAY, WILLIAM WALTER, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-18
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[54] **PROCESS FOR PRODUCING HOLLOW SILICON BODIES**
[54] **PROCEDE DE PRODUCTION DE CORPS CREUX EN SILICONE**
[72] LANG, JURGEN ERWIN, DE
[72] RAULEDER, HARTWIG, DE
[72] LYUBINA, JULIA, DE
[72] PEREZ, JANAINA MARINAS, DE
[73] EVONIK DEGUSSA GMBH, DE
[86] (2913549)
[87] (2913549)
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[54] **METHOD OF MOUNTING A TRAFFIC MANAGEMENT EQUIPMENT TO AN ELEVATED STRUCTURE AND BRACKET THEREFORE**
[54] **METHODE D'INSTALLATION D'EQUIPEMENT DE GESTION DE LA CIRCULATION SUR UNESTRUCTURE ELEVEE ET SUPPORT ASSOCIE**
[72] FOURNIER, SERGE, CA
[73] LOGISIG INC., CA
[86] (2913699)
[87] (2913699)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SINGLE RADIO VOICE CALL CONTINUITY IN A MULTI-LINE, MULTI-DEVICE SERVICE ENVIRONMENT IN A COMMUNICATIONS NETWORK**
[54] **SYSTEMES ET METHODES PERMETTANT LA CONTINUITE D'APPEL VOCAL RADIO UNIQUE DANS UN ENVIRONNEMENT MULTILIGNE MULTI DISPOSITIF DANS UN RESEAU DE COMMUNICATION**
[72] SHARMA, ANISH, US
[72] WALLIS, MICHAEL BRETT, US
[72] PANKAJAKSHAN, BEJOY, US
[73] MAVENIR SYSTEMS, INC., US
[86] (2917799)
[87] (2917799)
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[54] **FIRE-RESISTANT, GAS PERMEABLE DECORATIVE LAMINATE**
[54] **STRATIFIE DECORATIF PERMEABLE AU GAZ, RESISTANT AU FEU**
[72] WILDE, JOHN C., US
[72] BROWN, THOMAS L., JR., US
[72] DREXLER, JASON W., US
[73] THE BOEING COMPANY, US
[86] (2918110)
[87] (2918110)
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[30] US (14/633,276) 2015-02-27

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[51] **Int.Cl. D04H 3/153 (2012.01) D04H 3/10 (2012.01) D04H 3/12 (2006.01)**
[25] EN
[54] **SPUN-LAID WEBS WITH AT LEAST ONE OF LOFTY, ELASTIC AND HIGH STRENGTH CHARACTERISTICS**
[54] **BANDES FILEES-NON TISSEE AVEC AU MOINS UNE PARMI DES PROPRIETES GONFLANTES, ELASTIQUES ET DE HAUTE TENACITE**
[72] WILKIE, ARNOLD, US
[72] BRANG, JAMES, US
[72] HAGGARD, JEFFREY, US
[72] DE LA HOZ, ANGEL ANTONIO, US
[73] HILLS INC., US
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[86] 2014-07-15 (PCT/US2014/046669)
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[25] EN
[54] **SELF-LOCKING MECHANISM AND PANELING**
[54] **MECANISME AUTO-BLOQUANT ET PANNEAUTAGE**
[72] PANTEV, GUEORGUI, CA
[73] PANTEV, GUEORGUI, CA
[85] 2016-01-22
[86] 2014-07-23 (PCT/CA2014/050697)
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[30] US (61/857,871) 2013-07-24
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[54] **MUSCLE TRAINING METHOD AND MUSCLE TRAINING SYSTEM**
[54] **PROCEDE D'ENTRAINEMENT MUSCULAIRE ET SYSTEME D'ENTRAINEMENT MUSCULAIRE**
[72] SATO, YOSHIAKI, JP
[73] KAATSU JAPAN CO., LTD., JP
[85] 2016-01-22
[86] 2014-08-19 (PCT/JP2014/071678)
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[25] EN
[54] **USING SYNTHETIC ACID COMPOSITIONS AS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **UTILISATION DE COMPOSITIONS ACIDES SYNTHETIQUES COMME SOLUTIONS DE RECHANGE AUX ACIDES CLASSIQUES DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JON, CA
[72] ULMER, BRUCE, CA
[73] FLUID ENERGY GROUP LTD., CA
[86] (2920857)
[87] (2920857)
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[54] **ABUSE RESISTANT DRUGS, METHOD OF USE AND METHOD OF MAKING**
[54] **MEDICAMENTS RESISTANT AUX ABUS, PROCEDES D'UTILISATION ET DE FABRICATION**
[72] SHAH, MANISH S., US
[72] DIFALCO, RAY J., US
[73] INSPIRION DELIVERY SCIENCES LLC, US
[86] (2923102)
[87] (2923102)
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[25] EN
[54] **PROCESS FOR PRODUCING TRANSPORTATION FUELS FROM OIL SANDS-DERIVED CRUDE**
[54] **PROCEDE DE PRODUCTION DE COMBUSTIBLES DE TRANSPORT A PARTIR D'UN BRUT DERIVE DE SABLES BITUMINEUX**
[72] SCHLOSBERG, RICHARD H., US
[72] JORDAN, RICHARD D., US
[72] DIEFENTHAL, EDWARD L., US
[73] EPIC OIL EXTRACTORS, LLC, US
[85] 2016-03-10
[86] 2014-09-29 (PCT/US2014/058051)
[87] (WO2015/048649)
[30] US (61/883,781) 2013-09-27
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[54] **POWERED CONVERTER DOLLY AND SECURING DEVICE**
[54] **CHARIOT DE CONVERTISSEUR MOTORISE ET DISPOSITIF DE FIXATION**
[72] BANWART, DONALD D., US
[73] BANWART, DONALD D., US
[85] 2016-03-17
[86] 2014-09-17 (PCT/US2014/056127)
[87] (WO2015/042169)
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[54] **TREATMENT OF PLURIPOTENT CELLS**
[54] **TRAITEMENT DE CELLULES PLURIPOTENTES**
[72] DAVIS, JANET E., US
[72] LIU, JIAJIAN, US
[73] JANSSEN BIOTECH, INC., US
[86] (2926674)
[87] (2926674)
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[54] **SULFOALKYL ETHER CYCLODEXTRIN COMPOSITIONS AND METHODS OF PREPARATION THEREOF**
[54] **COMPOSITIONS DE SULFOALKYLE ETHER CYCLODEXTRINE ET LEURS PROCEDES DE FABRICATION**
[72] PIPKIN, JAMES D., US
[72] MOSHER, GEROLD L., US
[72] HECKER, DOUGLAS B., US
[73] CYDEX PHARMACEUTICALS, INC., US
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[87] (2928065)
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[54] **METHOD OF LOADING MATERIAL BY CURVED AUXILIARY ROCKER ARM ON MINING MACHINE, AND MINING MACHINE HAVING CURVED AUXILIARY ROCKER ARM CAPABLE OF LOADING MATERIAL FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE DE CHARGEMENT DE MATERIAU PAR UN CULBUTEUR AUXILIAIRE INCLINE MONTE SUR HAVEUSE, ET HAVEUSE COMPORTANT UN CULBUTEUR AUXILIAIRE INCLINE POUVANT CHARGER DU MATERIAU POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] LIU, SUHUA, CN
[73] LIU, SUHUA, CA
[85] 2016-04-21
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[87] (WO2015/058467)
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[25] EN
[54] **FUSION PROTEIN OF COLLAGEN-BINDING DOMAIN AND PARATHYROID HORMONE**
[54] **PROTEINES DE FUSION D'UN DOMAINE DE LIAISON AU COLLAGENE ET HORMONE PARATHYROIDIENNE**
[72] MATSUSHITA, OSAMU, JP
[72] GENSURE, ROBERT C., JP
[72] SAKON, JOSHUA, JP
[72] PONNAPAKKAM, TULASI, JP
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[73] NATIONAL UNIVERSITY CORPORATION KAGAWA UNIVERSITY, JP
[73] OCHSNER CLINIC FOUNDATION, US
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[87] (2930681)
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[25] EN
[54] **BENT, VENEER-ENCAPSULATED HEAT-TREATED SAFETY GLASS PANELS AND METHODS OF MANUFACTURE**
[54] **PANNEAUX DE VERRE DE SECURITE COURBES, TRAITES A CHAUD, ENCAPSULES DANS LE CONTREPLAQUE, ET METHODES DE FABRICATION**
[72] ALDER, RUSSELL ASHLEY, US
[72] ALDER, RICHARD ASHLEY, US
[73] PRECISION GLASS BENDING CORPORATION, US
[86] (2931916)
[87] (2931916)
[22] 2016-06-02
[30] US (62/170,240) 2015-06-03
[30] US (15/169,797) 2016-06-01

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[13] C
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[25] EN
[54] **ENCLOSURE FOR VOLTAGE TRANSFORMER AND CORRESPONDING VOLTAGE TRANSFORMER**
[54] **BOITIER POUR TRANSFORMATEUR DE TENSION ET TRANSFORMATEUR DE TENSION CORRESPONDANT**
[72] WANG, JIE, CN
[72] ZHANG, XIAO HONG, CN
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-06-28
[86] 2014-12-30 (PCT/EP2014/079467)
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[30] CN (201320891866.7) 2013-12-31

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[13] C
[51] **Int.Cl. B32B 3/12 (2006.01) B32B 7/08 (2019.01) B32B 27/04 (2006.01)**
[25] EN
[54] **THERMOFORMABLE PANEL FOR SHELVES**
[54] **PANNEAU THERMOFORMABLE POUR ETAGERES**
[72] STEINBACH, PAOLO, IT
[72] SAVONUZZI, ANDREA, MC
[73] SACO AEI POLYMERS, INC., US
[85] 2016-08-02
[86] 2015-02-10 (PCT/IB2015/000900)
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[54] **MOTEUR HYBRIDE ELASTOMERE/METAL SUR METAL**
[72] PURCELL, JOHN EUGENE (DECEASED), US
[72] ANDERSON, TYSON BENTLEY, US
[72] COGHLAN, EDMOND TATE, US
[73] ROPER PUMP COMPANY, US
[85] 2016-08-05
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[30] US (61/938,964) 2014-02-12

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[25] EN
[54] **METHODS OF DEPLETING A TARGET MOLECULE FROM AN INITIAL COLLECTION OF NUCLEIC ACIDS, AND COMPOSITIONS AND KITS FOR PRACTICING THE SAME**
[54] **PROCEDES D'APPAUVRISSEMENT D'UN ENSEMBLE INITIAL D'ACIDES NUCLEIQUES EN UNE MOLECULE CIBLE, ET COMPOSITIONS ET KITS POUR LA MISE EN □UVRE DE CEUX-CI**
[72] FARMER, ANDREW ALAN, US
[72] BETTS, CRAIG, US
[72] BOLDUC, NATHALIE, US
[73] TAKARA BIO USA, INC., US
[85] 2016-08-12
[86] 2014-12-23 (PCT/US2014/072293)
[87] (WO2015/122967)
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[30] US (62/040,804) 2014-08-22

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[25] EN
[54] **ROTATABLE SENSORS FOR MEASURING CHARACTERISTICS OF SUBTERRANEAN FORMATION**
[54] **CAPTEURS ROTATIFS DE MESURE DE CARACTERISTIQUES DE FORMATION SOUTERRAINE**
[72] HAY, RICHARD THOMAS, US
[72] DONDERICI, BURKAY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-16
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[51] **Int.Cl. G01G 19/08 (2006.01)**
[25] EN
[54] **WASTE BIN SCALE, LOAD CELL AND METHOD OF MEASURING A WASTE BIN LOAD**
[54] **BALANCE POUR POUBELLES, CELLULE DE CHARGE ET PROCEDE POUR MESURER UNE CHARGE DE POUBELLE**
[72] SANTI, LARRY D., US
[73] SANTI, LARRY D., US
[85] 2016-08-17
[86] 2014-03-14 (PCT/US2014/029024)
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[25] EN
[54] **6-ACYL-1,2,4-TRIAZINE-3,5-DIONE DERIVATIVE AND HERBICIDES**
[54] **DERIVE 6-ACYL-1,2,4-TRIAZINE-3,5-DIONE ET HERBICIDES**
[72] SHIBAYAMA, ATSUSHI, JP
[72] KAJIKI, RYU, JP
[72] KOBAYASHI, MASAMI, JP
[72] MITSUNARI, TAKASHI, JP
[72] NAGAMATSU, ATSUSHI, JP
[73] FMC CORPORATION, US
[86] (2942142)
[87] (2942142)
[22] 2011-05-26
[62] 2,803,752
[30] JP (2010/148286) 2010-06-29

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[51] **Int.Cl. D21C 1/00 (2006.01)**
[25] EN
[54] **PAPER PRODUCTS AND METHODS AND SYSTEMS FOR MANUFACTURING SUCH PRODUCTS**
[54] **PRODUITS DE PAPIER ET PROCEDES ET SYSTEMES DE FABRICATION DE CES PRODUITS**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2942253)
[87] (2942253)
[22] 2009-04-28
[62] 2,820,962
[30] US (61/049,391) 2008-04-30
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[13] C
[51] **Int.Cl. G06F 3/0484 (2013.01)**
[25] EN
[54] **ZOOMING USER INTERFACE FOR A MATERIAL HANDLING CONTROL SYSTEM**
[54] **INTERFACE UTILISATEUR DE VARIATION DE FOCALE POUR UN SYSTEME DE COMMANDE DE MANUTENTION DE MATERIAUX**
[72] DEN HARING, DAVID, US
[72] BARRINGER, TIM, US
[72] FISCHBACH, TAB, US
[72] ZENG, SHIXIN, US
[73] ATRONIX ACQUISITION CORP., US
[85] 2016-09-12
[86] 2015-03-16 (PCT/US2015/020823)
[87] (WO2015/139057)
[30] US (61/953,132) 2014-03-14

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[13] C
[51] **Int.Cl. A61M 5/145 (2006.01)**
[25] EN
[54] **SYSTEM FOR SYRINGE ENGAGEMENT TO AN INJECTOR**
[54] **SYSTEME D'INTRODUCTION D'UNE SERINGUE DANS UN INJECTEUR**
[72] SCHULTE, STEPHEN, US
[72] SWENGLISH, CHRISTOPHER L., US
[72] CASTILLO, LUIS, US
[72] LANG, CHARLES A., US
[73] BAYER HEALTHCARE LLC, US
[85] 2016-09-13
[86] 2015-03-18 (PCT/US2015/021171)
[87] (WO2015/142995)
[30] US (61/955,527) 2014-03-19
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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 76/25 (2018.01)**
[25] EN
[54] **DEVICE-TO-DEVICE SYNCHRONIZATION**
[54] **SYNCHRONISATION DE DISPOSITIF-A-DISPOSITIF**
[72] KAUR, SAMIAN, US
[72] PANI, DIANA, CA
[72] ZHAO, YUXIN, SE
[72] PELLETIER, BENOIT, CA
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2016-09-19
[86] 2015-03-19 (PCT/US2015/021489)
[87] (WO2015/143170)
[30] US (61/955,746) 2014-03-19
[30] US (61/955,747) 2014-03-19
[30] US (61/990,049) 2014-05-07
[30] US (62/032,373) 2014-08-01
[30] US (62/075,524) 2014-11-05

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[13] C
[51] **Int.Cl. G01D 18/00 (2006.01) G01M 15/00 (2006.01) G01M 15/14 (2006.01)**
[25] FR
[54] **METHOD FOR ASSESSING WHETHER OR NOT A MEASURED VALUE OF A PHYSICAL PARAMETER OF AN AIRCRAFT ENGINE IS NORMAL**
[54] **PROCEDE D'ESTIMATION DU CARACTERE NORMAL OU NON D'UNE VALEUR MESUREE D'UN PARAMETRE PHYSIQUE D'UN MOTEUR D'AERONEF**
[72] GOUBY, AURELIE, FR
[72] GEREZ, VALERIO, FR
[73] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-09-20
[86] 2015-03-26 (PCT/FR2015/050785)
[87] (WO2015/145085)
[30] FR (1452650) 2014-03-27

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[13] C
[51] **Int.Cl. A61K 8/18 (2006.01) A61K 8/19 (2006.01) A61K 8/34 (2006.01) A61K 8/69 (2006.01)**
[25] EN
[54] **DENTIFRICE COMPOSITIONS HAVING DENTAL PLAQUE MITIGATION OR IMPROVED FLUORIDE UPTAKE**
[54] **COMPOSITIONS DE DENTIFRICE PERMETTANT DE REDUIRE LA PLAQUE DENTAIRE OU D'AMELIORER L'ABSORPTION DE FLUORURE**
[72] CHEN, HAIJING, CN
[72] STRAND, ROSS, CN
[72] WHITE, DONALD JAMES, JR., US
[72] YANG, HONGMEI, CN
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-10-17
[86] 2014-05-15 (PCT/CN2014/077535)
[87] (WO2015/172347)

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[51] **Int.Cl. A62C 31/12 (2006.01)**
[25] EN
[54] **FOCUSED STREAM, AERATED FOAM PROJECTING NOZZLE INCLUDING FIXED WAND SYSTEM AND METHOD AS WELL AS POSSIBLY PORTABLE CENTER POINTING NOZZLE**
[54] **BUSE DE PROJECTION DE MOUSSE AEREE A FLUX CIBLE COMPORTANT UN SYSTEME DEBAGUETTE FIXE ET METHODE, AINSI QUE POSSIBLEMENT UNE BUSE DE POINTAGE DECENTRE**
[72] WILLIAMS, DWIGHT P., US
[72] SPEARS, CASEY R., US
[73] TYCO FIRE & SECURITY GMBH, CH
[86] (2946845)
[87] (2946845)
[22] 2011-10-17
[62] 2,815,178
[30] US (61/455,367) 2010-10-19
[30] US (61/461,413) 2011-01-18
[30] US (61/463,296) 2011-02-14
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[51] **Int.Cl. A61F 9/007 (2006.01) A61B 34/00 (2016.01) A61B 90/00 (2016.01) A61B 3/10 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **OPTICAL COHERENCE TOMOGRAPHY-AUGMENTED SURGICAL INSTRUMENTS AND SYSTEMS AND METHODS FOR CORRECTING UNDESIRED MOVEMENT OF SURGICAL INSTRUMENTS**
[54] **SYSTEMES ET INSTRUMENTS CHIRURGICAUX AVEC TOMOGRAPHIE EN COHERENCE OPTIQUE ET PROCEDES POUR CORRIGER TOUT MOUVEMENT INTEMPESTIF D'INSTRUMENTS CHIRURGICAUX**
[72] YU, LINGFENG, US
[72] REN, HUGANG, US
[73] NOVARTIS AG, CH
[85] 2016-10-31
[86] 2015-07-14 (PCT/US2015/040360)
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[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/89 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 4/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 4/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2949488)
[87] (2949488)
[22] 2014-09-25
[62] 2,864,630
[30] KR (10-2014-0106180) 2014-08-14
[30] KR (10-2014-0120014) 2014-09-11

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[51] **Int.Cl. C07D 235/10 (2006.01) C07C 29/38 (2006.01) C07C 31/38 (2006.01) C07C 319/14 (2006.01) C07C 323/12 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **FLUOROALKYLATING AGENT**
[54] **AGENT FLUOROALKYLANT**
[72] KAWAZOE, KENTARO, JP
[72] YOSHIOKA, KOTARO, JP
[73] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2016-11-21
[86] 2015-06-24 (PCT/JP2015/068127)
[87] (WO2015/199109)
[30] JP (2014-131688) 2014-06-26

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[51] **Int.Cl. E21B 47/12 (2012.01) G01V 8/12 (2006.01)**
[25] EN
[54] **HYBRID FIBER OPTIC CABLE FOR DISTRIBUTED SENSING**
[54] **CABLE A FIBRE OPTIQUE HYBRIDE POUR UNE DETECTION DISTRIBUEE**
[72] THERRIEN, JASON EDWARD, US
[72] MAIDA, JOHN L., US
[72] BARFOOT, DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-23
[86] 2014-08-25 (PCT/US2014/052489)
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[51] **Int.Cl. G01N 1/10 (2006.01) G01N 21/25 (2006.01) G01N 21/64 (2006.01) G01S 13/90 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IDENTIFYING AND SAMPLING HYDROCARBONS**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION ET DE PRELEVEMENT D'HYDROCARBURES**
[72] BOND, WILLIAM E., US
[72] POTTORF, ROBERT J., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-11-25
[86] 2015-06-26 (PCT/US2015/038019)
[87] (WO2016/010715)
[30] US (62/026,449) 2014-07-18

[11] **2,951,501**
[13] C
[51] **Int.Cl. A61K 31/7048 (2006.01) A23L 33/105 (2016.01) A61K 31/192 (2006.01) A61P 11/06 (2006.01) A61K 36/68 (2006.01)**
[25] EN
[54] **ATC2 PURIFIED EXTRACT ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM, AND THE COMPOSITION COMPRISING THE SAME FOR PREVENTING OR TREATING INFLAMMATION, ALLERGY AND ASTHMA**
[54] **EXTRAIT PURIFIE D'ATC2 ISOLE DU PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM ET LA COMPOSITION RENFERMANT LEDIT EXTRAIT POUR LA PREVENTION OU LE TRAITEMENT DE L'INFLAMMATION, DES ALLERGIES ET DE L'ASTHME**
[72] LEE, YONGNAM, KR
[72] YOO, JI-SEOK, KR
[72] SHIN, DAE-HEE, KR
[72] RYOO, BYUNG-HWAN, KR
[72] OH, SEI-RYANG, KR
[72] LEE, HYEONGKYU, KR
[72] KIM, DOO-YOUNG, KR
[72] KIM, JUNG-HEE, KR
[72] SONG, HYUK-HWAN, KR
[72] KWON, OK-KYOUNG, KR
[73] YUNGJIN PHARMACEUTICAL CO., LTD., KR
[73] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[86] (2951501)
[87] (2951501)
[22] 2013-12-23
[62] 2,893,410
[30] KR (10-2012-0158130) 2012-12-31
[30] KR (10-2013-0084167) 2013-07-17

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[51] **Int.Cl. A63B 69/12 (2006.01) A61H 33/00 (2006.01) E04H 4/12 (2006.01)**
[25] EN
[54] **SWIMMING SYSTEM CURRENT GENERATOR**
[54] **GENERATEUR DE COURANT D'UN DISPOSITIF DE NATATION**
[72] CAMERON, HAYDEN, US
[72] MURDOCK, JAMES, US
[73] WATKINS MANUFACTURING CORPORATION, US
[86] (2951754)
[87] (2951754)
[22] 2016-12-16
[30] US (15/010,017) 2016-01-29

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[13] C
[51] **Int.Cl. B25B 11/00 (2006.01) B25B 5/16 (2006.01)**
[25] EN
[54] **A JIG OF SPIRIT LEVEL CLAMPING AID TOOLS, SQUARES AND HAND CLAMPS**
[54] **SUPPORT D'OUTILS DE SERRAGE A NIVEAU A BULLE POUR EQUERRES ET SERRE-JOINTS**
[72] FUDA, COSIMO, CA
[73] FUDA, COSIMO, CA
[86] (2952515)
[87] (2952515)
[22] 2016-12-23
[30] US (62/387,212) 2015-12-24

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[13] C
[51] **Int.Cl. A46B 9/04 (2006.01)**
[25] EN
[54] **HEAD FOR AN ORAL CARE IMPLEMENT**
[54] **TETE POUR ACCESSOIRE D'HYGIENE BUCCO-DENTAIRE**
[72] JUNGNICKEL, UWE, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-12-19
[86] 2015-07-13 (PCT/US2015/040149)
[87] (WO2016/007949)
[30] EP (14176721.0) 2014-07-11

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[13] C
[51] **Int.Cl. H01L 25/07 (2006.01) H01L 23/00 (2006.01) H01L 23/40 (2006.01)**
[25] EN
[54] **CLAMPING ASSEMBLY HAVING A PRESSURE ELEMENT**
[54] **ATTACHE DE SERRAGE COMPORTANT UN ELEMENT DE COMPRESSION**
[72] BOHM, MATTHIAS, DE
[72] BREHM, HOLGER SIEGMUND, DE
[72] SCHMITT, DANIEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-12-30
[86] 2014-07-01 (PCT/EP2014/063954)
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[25] EN
[54] **DOOR ACTUATOR**
[54] **VERIN DE PORTE**
[72] MCKIBBEN, AARON PATRICK, US
[72] EICKHOFF, BRIAN CHRISTOPHER, US
[73] SCHLAGE LOCK COMPANY LLC, US
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[87] (2957147)
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[62] 2,828,404
[30] US (13/243,657) 2011-09-23
[30] US (13/243,666) 2011-09-23
[30] US (61/445,419) 2011-02-22

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[13] C
[51] **Int.Cl. A61K 31/7048 (2006.01) A61K 36/68 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **THE COMPOSITION COMPRISING VERPROSIDE ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM FOR PREVENTING OR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND THE USE THEREOF**
[54] **LA COMPOSITION RENFERMANT DU VERPROSIDE ISOLE DE PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM DESTINEE A PREVENIR OU TRAITER UNE MALADIE PULMONAIRE OBSTRUSIVE CHRONIQUE, ET SON UTILISATION**
[72] LEE, YONGNAM, KR
[72] YOO, JI-SEOK, KR
[72] RYOO, BYUNG-HWAN, KR
[72] AHN, KYUNG-SEOP, KR
[72] OH, SEI-RYANG, KR
[72] LEE, HYEONG KYU, KR
[72] SHIN, IN SIK, KR
[72] KIM, DOO-YOUNG, KR
[72] KWON, OK-KYOUNG, KR
[72] SONG, HYUK HWAN, KR
[72] KIM, SEUNG HYUNG, KR
[72] LEE, SUUI, KR
[72] SHIN, DAE-HEE, KR
[73] YUNGJIN PHARMACEUTICAL CO., LTD., KR
[73] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[86] (2957180)
[87] (2957180)
[22] 2014-04-09
[62] 2,905,356
[30] KR (1020130039458) 2013-04-10
[30] KR (1020140036245) 2014-03-27

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[13] C
[51] **Int.Cl. G08G 1/16 (2006.01) B60W 30/09 (2012.01) B60W 30/12 (2006.01) B60W 40/04 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **OBSTACLE AVOIDANCE SYSTEM**
[54] **SYSTEME D'EVITEMENT D'OBSTACLE**
[72] NAKA, TAKUYA, JP
[72] KANAI, MASAKI, JP
[72] SATOU, TAKAYUKI, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2017-02-08
[86] 2015-03-06 (PCT/JP2015/056702)
[87] (WO2016/051818)
[30] JP (2014-199463) 2014-09-29

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[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 47/002 (2012.01) E21B 21/06 (2006.01)**
[25] EN
[54] **EVALUATING SOLID PARTICLE SEPARATION IN WELLBORE FLUIDS**
[54] **EVALUATION DE LA SEPARATION DE PARTICULES SOLIDES DANS DES FLUIDES DE PUITS DE FORAGE**
[72] SHEN, RUI, US
[72] HARVEY, TIMOTHY N., US
[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-02-20
[86] 2014-11-25 (PCT/US2014/067355)
[87] (WO2016/085469)

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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/12 (2012.01) G05G 9/047 (2006.01)**
[25] EN
[54] **UNIVERSAL REMOTE CONTROL SYSTEM FOR HYDROCARBON RECOVERY TOOLS**
[54] **SYSTEME UNIVERSEL DE COMMANDE A DISTANCE POUR OUTILS DE RECUPERATION D'HYDROCARBURES**
[72] KREMS, KLAUS, DE
[72] WIEDECKE, MICHAEL, DE
[72] HELMS, MARTIN, DE
[72] THOMAS, BENSON, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-03-01
[86] 2015-09-09 (PCT/US2015/049089)
[87] (WO2016/044019)
[30] US (62/050,232) 2014-09-15
[30] US (14/733,671) 2015-06-08

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[13] C
[51] **Int.Cl. H04W 4/06 (2009.01) B60K 37/06 (2006.01)**
[25] EN
[54] **SMART ROUTING SYNCHRONIZATION SYSTEM AND METHODS FOR SOCIALIZING A SYNTHETIC REBROADCAST AND GROUP STREAM**
[54] **SYSTEME DE SYNCHRONISATION DE ROUTAGE INTELLIGENT ET PROCEDES DE SOCIABILISATION D'UNE REDIFFUSION DE SYNTHESE ET FLUX DE GROUPE**
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[72] LEEKLEY, GREGORY H., US
[72] SAVENOK, DAVID, US
[72] EASON, HAROLD R., US
[73] REMOTE MEDIA, LLC, US
[86] (2960481)
[87] (2960481)
[22] 2015-04-23
[62] 2,946,319
[30] US (61/983,160) 2014-04-23
[30] US (PCT/US2014/069067) 2014-12-08
[30] US (PCT/US2015/019099) 2015-03-06

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[13] C
[51] **Int.Cl. B23K 31/00 (2006.01) B23K 9/00 (2006.01) B23K 9/02 (2006.01) B62D 21/11 (2006.01)**
[25] EN
[54] **WELDED STRUCTURE MEMBER AND MANUFACTURING METHOD THEREOF**
[54] **ELEMENT DE CONSTRUCTION DE SOUDURE ET SON PROCEDE DE FABRICATION**
[72] OGAWA, MASAHIRO, JP
[72] OAMI, SHOKO, JP
[72] KODAMA, SHINJI, JP
[73] NIPPON STEEL CORPORATION, JP
[85] 2017-03-23
[86] 2015-10-02 (PCT/JP2015/078039)
[87] (WO2016/052722)
[30] JP (2014-204583) 2014-10-03
[30] JP (2015-158817) 2015-08-11

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[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/47 (2006.01) C07K 14/52 (2006.01) C07K 14/525 (2006.01) C07K 14/785 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **TNF SUPERFAMILY COLLECTIN FUSION PROTEINS**
[54] **PROTEINES DE FUSION COLLECTINES DE LA SUPERFAMILLE DES TNF**
[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[72] BRANSCHADEL, MARCUS, DE
[73] APOGENIX AG, DE
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[72] STEGEMOELLER, CALVIN LYNN, US
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[54] **DISPOSITIF DE SECURITE DESTINE A UN ATTELAGE DE REMORQUE ET COMBINAISON ASSOCIEE**
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[73] JENNEX & SONS MECHANICAL DESIGN INC., CA
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[54] **AUTOCONFIGURATION D'EXTENSEUR DE RESEAU SANS FIL**
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[72] NEGAHDAR, ALI, US
[72] LUMBATIS, KURT ALAN, US
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[72] BALES, THOMAS O., US
[72] PALMER, MATTHEW A., US
[72] DEVILLE, DEREK DEE, US
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[72] HERR, QUENTIN P., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **COATING MATERIAL COMPOSITIONS AND COATINGS PRODUCED THEREFROM AND ALSO USE THEREOF**
[54] **COMPOSITIONS D'AGENTS DE REVETEMENT ET REVETEMENTS PRODUITS A PARTIR DE CELLES-CI ET UTILISATION ASSOCIEE**
[72] KLEIN, GUENTER, DE
[72] FEIGL, ANDREAS, DE
[72] ARENS, CHRISTIAN, DE
[72] STUEBBE, WILFRIED, DE
[72] WENKING, ULRIKE, DE
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[54] **GENERATEUR DE PUISSANCE RADIOELECTRIQUE CONCU POUR REDUIRE LES EMISSIONS ELECTROMAGNETIQUES**
[72] BACKLUND, ANDREAS, SE
[73] GENERAL ELECTRIC COMPANY, US
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[54] **MACHINE DE THERMOFORMAGE ET PROCEDE DE THERMOFORMAGE**
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[54] **COMPOSITION DE CIMENT COMPATIBILISEE POUR LE TRAITEMENT D'UNE FORMATION SOUTERRAINE**
[72] JONES, PAUL JOSEPH, US
[72] MUTHUSAMY, RAMESH, IN
[72] DESHPANDE, ABHIMANYU PRAMOD, IN
[72] HUNDT, GREG ROBERT, US
[72] KARCHER, JEFFERY DWANE, US
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[72] HASSETT, TIMOTHY J., US
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[72] CAI, ZHIJUN, US
[72] EARNSHAW, ANDREW MARK, CA
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[72] MARTIN, DONALD E., US
[72] WATKINS, CHRISTOPHER D., US
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[72] CHEN, YUJIN, CN
[72] ZHOU, YONGJUN, CN
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[54] **ENSEMBLE PARE-BRISE DE PROTECTION**
[72] ANDERSSON, PETER, SE
[72] SVENSSON, KENNETH, SE
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[73] CYEMPTIVE TECHNOLOGIES, INC., US
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[54] **TRANSMISSIONS DE DONNEES DE LIAISON DESCENDANTE PRECEDANT UNE RETROACTION DE CANAL DANS DES SYSTEMES CELLULAIRES IOT**
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[72] LI, JUNYI, US
[72] WANG, XIAO FENG, US
[73] QUALCOMM INCORPORATED, US
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[54] **ADAPTATION DYNAMIQUE DU RAPPORT D'ATTRIBUTION DE LIAISON DESCENDANTE/LIAISON MONTANTE DANS DES SYSTEMES SANS FIL TDD**
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[72] ALI, MOHAMMED MAKSOOD, IN
[72] PATTAR, JONAH M., IN
[72] PUTASWAMY, KEMPARAJU, IN
[72] KONDI, SUSHANTH ANAND RAO, IN
[72] GRAHAM, MATTHEW SCOTT, US
[72] RAI, SUBASHCHANDRA, IN
[72] TANTRI, KESHAV, IN
[73] SCHLAGE LOCK COMPANY LLC, US
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[54] **UTILISATION DE COMPOSITIONS D'ACIDE SYNTHETIQUE COMME REMPLACEMENT DES ACIDES CONVENTIONNELS DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[72] WEISSENBERGER, MARKUS, CA
[73] FLUID ENERGY GROUP LTD., CA
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[54] **METHODE ET SYSTEME DE PRODUCTION DE BOISSONS**
[72] RAPPARINI, GINO, IT
[72] GENERALI, MAURIZIO, IT
[73] AROMA SYSTEM S.R.L., IT
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[54] **PROCEDE POUR L'EXPLOITATION MINIERE DE RESSOURCES SOUTERRAINES A L'AIDE DE PARTICULES HYDROLYSABLES**
[72] YOSHIKAWA, SEISHI, JP
[72] KATAYAMA, TSUTAKI, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
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[54] **UNE APPROCHE ET UN SYSTEME SERVANT A EVITER UNE ACTION AMBIGUE PAR APPLICATION MOBILE AU MOYEN D'UNE NOTIFICATION FONDEE SUR LE CONTEXTE**
[72] JANARDHANAN, SHAIJU, US
[72] VEETIL, HERMANTH PADIKKAL, US
[72] SCARIA, NIKHIL, US
[73] HONEYWELL INTERNATIONAL INC., US
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[72] TAKAHASHI, KAZUNARI, JP
[72] KANAYAMA, TARO, JP
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[72] KAWAI, TAKAMASA, JP
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[73] JFE STEEL CORPORATION, JP
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[54] **SYSTEME ET METHODE PORTANT SUR UNE CAMERA INSTALLEE SUR UN BRAS ROBOTIQUE**
[72] PAQUIN, VINCENT, CA
[72] LACASSE, MARC-ANTOINE, CA
[72] DROLET-MIHELIC, YAN, CA
[72] MERCIER, JEAN-PHILIPPE, CA
[73] ROBOTIQ INC., CA
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[54] **ALIMENTATION POUR AQUACULTURE MICROENCAPSULEE**
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[73] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
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[54] **PORTE-PLAQUE DESTINE A MAINTENIR UNE PLAQUE D'IDENTIFICATION**
[72] PROBACH, NICOLE, DE
[72] POLKER, THOMAS, DE
[72] OSTER, PATRICK, DE
[72] KLAGES, KILIAN, DE
[73] PHOENIX CONTACT GMBH & CO. KG, DE
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[54] **SYSTEME D'AMORTISSEMENT DE VEHICULE ET VEHICULE**
[72] SAWAI, SEIJI, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[25] EN
[54] **APPARATUS FOR THERMAL TREATMENT OF A SUBSTRATE, A CARRIER AND A SUBSTRATE SUPPORT ELEMENT FOR THAT APPARATUS**
[54] **APPAREIL DE TRAITEMENT THERMIQUE D'UN SUBSTRAT, D'UN PORTEUR ET D'UN ELEMENT DE SUPPORT DE SUBSTRAT DUDIT APPAREIL**
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[72] VON RIEWEL, LARISA, DE
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[72] FOTOPOULOU, ELENI, DE
[72] LECOMTE, JEREMIE, DE
[72] MULTRUS, MARKUS, DE
[72] SCHUBERT, BENJAMIN, DE
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[54] **APPAREIL THERAPEUTIQUE A SERINGUE CUILLERE ELECTRIQUE**
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[72] WANG, YAN, CN
[72] XING, YANLI, CN
[72] YU, ZHISHUN, CN
[72] ZHU, LUWEN, CN
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[54] **STATION DE CONNEXION DE DISPOSITIF DE COMMANDE ROTATIF**
[72] BAILEY, THOMAS F., US
[72] HANNEGAN, DON M., US
[72] CHAMBERS, JAMES W., US
[72] WAGONER, DANNY W., US
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[54] **APPAREIL POUR CODER UN SIGNAL DE PAROLE EMPLOYANT ACELP DANS LE DOMAINE D'AUTOCORRELATION**
[72] BACKSTROM, TOM, DE
[72] MULTRUS, MARKUS, DE
[72] FUCHS, GUILLAUME, DE
[72] HELMRICH, CHRISTIAN, DE
[72] DIETZ, MARTIN, DE
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[54] **PROCEDE DE PRODUCTION DE POUDRE DE COBALT**
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] DOI, YASUO, JP
[72] IKEDA, OSAMU, JP
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[54] **ENGINE CONTROLLER AND ENGINE CONTOL METHOD**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE MOTEUR**
[72] IMAOKA, YOSHIHIRO, JP
[72] TSUYUKI, TAKESHI, JP
[72] INOUE, TAKAO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **CONNECTEURS DE COUPLEURS DE CABLES D'EXPLOITATION MINIERE ET ENSEMBLES ET PROCEDES ASSOCIES**
[72] KUMAR, SENTHIL A., US
[72] JOHNSON, BARRY JAMES, CA
[72] DARRITCHON, JUAN, CL
[73] TYCO ELECTRONICS CORPORATION, US
[73] TYCO ELECTRONICS CANADA ULC, CA
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[72] SUZUKI, TAKESHI, JP
[73] NEC PLATFORMS, LTD., JP
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[54] **APPAREIL DE CONTROLE DE VEHICULE ET METHODE DE CONTROLE DE VEHICULE**
[72] GOTODA, KENJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **DISPOSITIF ET PROCEDE D'EVACUATION DE TUBES**
[72] PHILLIPS, JANET L.F., US
[72] PHILLIPS, MICHAEL J., US
[72] WALTERS, GLENN, US
[73] VECTOR SURGICAL, LLC, US
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[54] **CUVE CARREE A COMPARTIMENT A CRACKERS**
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[54] **ESTIMATING CASING WEAR DURING DRILLING USING MULTIPLE WEAR FACTORS ALONG THE DRILL STRING**
[54] **ESTIMATION D'USURE DE TUBAGE PENDANT LE FORAGE A L'AIDE DE MULTIPLES FACTEURS D'USURE LE LONG DU TRAIN DE TIGES DE FORAGE**
[72] NO LAST NAME, ANIKET, US
[72] GONZALES, ADOLFO, US
[72] SAMUEL, ROBELLO, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **RESERVE CLADDING BIASING**
[54] **INCLINAISON DE REVETEMENT DE RESERVE**
[72] HOOGLAND, JONATHAN S., US
[72] MILLER, SCOT C., US
[72] BLACK, RANDY L., US
[72] JUNGLING, JASON L., US
[73] PELLA CORPORATION, US
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[54] **DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT**
[54] **DECODAGE DE TRAINS DE BITS AUDIO AVEC DES METADONNEES DE REPLICATION DE BANDE SPECTRALE AMELIOREE DANS AU MOINS UN ELEMENT DE REMPLISSAGE**
[72] VILLEMOES, LARS, SE
[72] PURNHAGEN, HEIKO, SE
[72] EKSTRAND, PER, SE
[73] DOLBY INTERNATIONAL AB, NL
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[54] **PLURALITY OF MASS-PRODUCED MULTI-COMPONENT PLASTIC HOUSINGS**
[54] **PLURALITE DE BOITIERS A ELEMENTS MULTIPLES EN PLASTIQUE, PRODUITS EN MASSE**
[72] KUNZ, MARC, DE
[72] HUEBSCHER, WERNER, DE
[72] LUECKEL, KRIS, DE
[72] SCHAEFER, SVEN, DE
[72] TRIEBIG, STEFAN, DE
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[54] **INSERTION DE MANCHON DE PAROI D'EXTREMITE DE DECHARGE**
[72] MEPHAM, ROBERT, CA
[72] KUMAR, PRAMOD, CA
[72] MCPHEE, ROBERT MICHAEL, CA
[73] POLYCORP LTD., CA
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[54] **METHOD FOR PRODUCING TITANIUM OR TITANIUM ALUMINUM ALLOYS THROUGH TWO-STAGE ALUMINOTHERMIC REDUCTION AND OBTAINING TITANIUM-FREE CRYOLITE AS BYPRODUCTS**
[54] **METHODE DE PRODUCTION DE TITANE OU D'ALLIAGES DE TITANE ET ALUMINIUM PARREDUCTION ALUMINOTHERMIQUE A DEUX ETAGES ET OBTENTION DE CRYOLITE EXEMPTDE TITANE COMME SOUS-PRODUITS**
[72] FENG, NAIXIANG, CN
[72] ZHAO, KUN, CN
[72] WANG, YAOWU, CN
[72] PENG, JIANPING, CN
[72] DI, YUEZHONG, CN
[73] NORTHEASTERN UNIVERSITY, CN
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[54] **PROCEDE DE BOMBAGE PAR GRAVITE SOUTENU PAR UNE SURPRESSION ET DISPOSITIF APPROPRIE CORRESPONDANT**
[72] LE NY, JEAN-MARIE, BE
[72] BALDUIN, MICHAEL, DE
[72] SCHALL, GUNTHER, DE
[72] SCHMIDT, LOTHAR, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **SYSTEME DE ROULAGE ELECTRIQUE POUR AERONEF ET PROCEDE DE COMMANDE DUDIT SYSTEME**
[72] MORIOKA, NORIKO, JP
[72] KAKIUCHI, DAIKI, JP
[72] OYORI, HITOSHI, JP
[72] ASAKURA, HIROYUKI, JP
[73] IHI CORPORATION, JP
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[25] EN
[54] **HIGH STRENGTH SPRING, METHOD OF MANUFACTURING THE SAME, STEEL FOR HIGH STRENGTH SPRING, AND METHOD OF MANUFACTURING THE SAME**
[54] **RESSORT HAUTE RESISTANCE, METHODE DE FABRICATION ASSOCIEE, ACIER DE RESSORT HAUTE RESISTANCE ET METHODE DE FABRICATION ASSOCIEE**
[72] WATANABE, MOTOKI, JP
[72] MINOGUCHI, KOKI, JP
[72] OISHI, HIROYUKI, JP
[73] MITSUBISHI STEEL MFG. CO., LTD., JP
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[54] **PORTABLE BULK MATERIAL CONVEYOR WITH ARRANGEMENT FOR POSITIONING DISCHARGE**
[54] **TRANSPORTEUR DE MATERIAUX EN VRAC PORTATIF DOTE D'UNE DISPOSITION DE POSITIONNEMENT DE DECHARGE**
[72] BLECHINGER, GORDON J., CA
[73] BLECHINGER, GORDON J., CA
[86] (2995806)
[87] (2995806)
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[54] **WINDSCREEN FOR HOUSING A SANDING SYSTEM, RAILWAY VEHICLE WITH SANDING SYSTEM, AND METHOD FOR INSTALLING A SANDING SYSTEM IN A RAILWAY VEHICLE**
[54] **PARE-BRISE POUR LOGER UN SYSTEME DE SABLAGE, VEHICULE FERROVIAIRE AVEC SYSTEME DE SABLAGE, ET PROCEDE POUR INSTALLER UN SYSTEME DE SABLAGE DANS UN VEHICULE FERROVIAIRE**
[72] MARANSKI, JOHN, US
[72] OLSON, JEREMY D., US
[72] TERRY, MARK S., US
[73] SIEMENS INDUSTRY, INC., US
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[54] **INTEGRATED SOLENOID VALVE FOR AN ELECTRONIC FAUCET**
[54] **VANNE ELECTROMAGNETIQUE INTEGREE POUR UN ROBINET ELECTRONIQUE**
[72] THOMAS, KURT J., US
[72] BROWN, DEREK A., US
[72] SAWASKI, JOEL D., US
[73] DELTA FAUCET COMPANY, US
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[54] **METHOD OF PRODUCING RECOMBINANT SUCROSE SYNTHASE, USE THEREOF IN THE PRODUCTION OF SUCROSE-DETERMINATION KITS, METHOD OF PRODUCING ADPGLUCOSE AND METHOD OF OBTAINING TRANSGENIC PLANTS HAVING LEAVES AND RESERVE ORGANS WHICH ACCUMULATE A HIGH CONCENTRATION OF ADPGLUCOSE AND STARCH**
[54] **METHODE DE PRODUCTION DE SACCHAROSE SYNTHASE RECOMBINANTE, SON UTILISATION DANS LA PRODUCTION DE TROUSSE DE DEPISTAGE DE SACCHAROSE, METHODE DE PRODUCTION D'ADP-GLUCOSE ET METHODED'OBTENTION DE PLANTES TRANSGENIQUES AYANT DES FEUILLES ET DES ORGANES DE RESERVE QUI ACCUMULENT UNE CONCENTRATION ELEVEE D'ADP-GLUCOSE ET D'AMIDON**
[72] BAROJA FERNANDEZ, MIREN EDURNE, ES
[72] MUNOZ PEREZ, FRANCISCO JOSE, ES
[72] POZUETA ROMERO, FRANCISCO JAVIER, ES
[72] MORAN ZORZANO, MARIA TERESA, ES
[72] ALONSO CASAJUS, NORA, ES
[73] UNIVERSIDAD PUBLICA DE NAVARRA, ES
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[54] **METHODS AND COMPOSITIONS BASED ON DIPHTHERIA TOXIN-INTERLEUKIN-3 CONJUGATES**
[54] **METHODES ET COMPOSITIONS A BASE DE CONJUGUES TOXINE DIPHTERIQUE-INTERLEUKINE 3**
[72] FRANKEL, ARTHUR E., US
[73] SCOTT & WHITE MEMORIAL HOSPITAL, US
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[25] EN
[54] **VIDEO ENCODING METHOD WITH BIT DEPTH ADJUSTMENT FOR FIXED-POINT CONVERSION AND APPARATUS THEREFOR, AND VIDEO DECODING METHOD AND APARATUS THEREFOR**
[54] **METHODE DE CODAGE VIDEO A AJUSTEMENT DE PROFONDEUR DE BIT DESTINEE A LA CONVERSION DE POINT FIXE ET APPAREIL ASSOCIE, ET METHODE ET APPAREIL DE DECODAGE VIDEO ASSOCIES**
[72] ALSHINA, ELENA, KR
[72] ALSHIN, ALEXANDER, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **ULTRAVIOLET LIGHT WATER TREATMENT UNIT FOR HIGH FLOW RATE SYSTEMS**
[54] **MODULE DE TRAITEMENT DE L'EAU A LA LUMIERE ULTRAVIOLETTE DESTINE A DES SYSTEMES A HAUT DEBIT**
[72] TYMCHUK, STEVEN DENIS, CA
[72] OLSEN, RICHARD, US
[72] HANSEN, STEVE, US
[73] EBBTIDES MEDICAL INC., CA
[73] DOMINION INVESTMENTS LLC, US
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[87] (3008418)
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[54] **SYSTEMS, METHODS, AND DEVICES FOR AN AUTOMOBILE DOOR OR WINDOW**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR PORTE OU FENETRE D'AUTOMOBILE**
[72] MILTON, TREVOR R., US
[72] JENNES, STEVE, US
[72] SCHOLTEN, MARKUS, US
[73] NIKOLA CORPORATION, US
[85] 2018-07-03
[86] 2016-12-30 (PCT/US2016/069586)
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[54] **MULTIPLE TAPERED THREADED CONNECTION**
[54] **RACCORD FILETE A MULTIPLE AMINCISSEMENT**
[72] CAMPBELL, STEVEN LEE, CA
[73] COMPLETE GROUP TECHNOLOGIES LTD., CA
[86] (3010955)
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[30] CA (2,984,826) 2017-11-07

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[54] **PROCEDES DE FABRICATION DE POUDRE METALLIQUE PAR ATOMISATION AU PLASMA ET SYSTEMES S'Y RAPPORTANT**
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[72] BALMAYER, MATTHIEU, CA
[72] TRUDEAU-LALONDE, FRANCIS, CA
[73] AP&C ADVANCED POWDERS AND COATINGS INC., CA
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[72] ROSS, WILLIAM PAYNE, US
[72] LIU, CHENGGANG, US
[72] SWEENEY, MATTHEW, US
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[54] **PROCEDES CONTINUS DE TRAITEMENT DES LIQUIDES ET DE FABRICATION DE CERTAINS CONSTITUANTS (PAR EXEMPLE DES NANOPARTICULES) DES LIQUIDES, APPAREILS ET NANOPARTICULES ET SOLUTION(S) ABASE DE NANOPARTICULES/LIQUIDE EN RESULTANT**
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[72] MORTENSON, MARK G., US
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[54] **PROCEDE ET SYSTEMES ASSOCIES POUR UTILISATION AVEC UN DISPOSITIF FLUIDIQUE**
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[72] SLOAN, DAVID J., US
[72] JENSEN, TIMOTHY C., US
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[72] BIDHENDI, EBRAHIM, US
[72] SHEIKHOLESLAMI, SAHAR, US
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[54] **CORPS DE WAGON FAIT DE PANNEAUX D'ACCOUPLEMENT AYANT UN ESPACE PREDETERMINE ENTRE EUX**
[72] MORNEAU, GASTON, CA
[72] SMITH, MICHEL, CA
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[54] **APPAREIL DE CHARGEMENT DE PRECONTRAINTE DE SOL EN BETON DE PAROI DE PUITS A ARBRE INCLINE**
[72] WANG, YANSEN, CN
[72] MENG, CHENXIANG, CN
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[72] YANG, RAN, CN
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[54] **COMPOSES CETOGENES NOVATEURS, COMPOSITIONS, METHODES ET UTILISATIONS ASSOCIEES**
[72] KERR, STEVE, CA
[72] MILLIN, ALEX, CA
[72] MURUGESAPILLAI, MYLVAGANAM, CA
[73] KETOFIBE (9211-3133 QUEBEC INC.), CA
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[72] ZHANG, MIN, CN
[72] HAN, MINGTING, CN
[72] ZHANG, JIE, CN
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[54] **METHODES ET SYSTEMES DE GESTION DE SOLVANT UTILISE DANS LES OPERATIONS DE TRAITEMENT AU SOLVANT CYCLIQUE**
[72] WANG, JIANLIN, CA
[72] BARTEL, STEVEN C., CA
[72] SUITOR, MATHEW D., CA
[72] DUNN, JAMES A., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **SYSTEME D'IMAGERIE SERVANT A EVALUER L'INTEGRITE DE PIECES MOBILES METALLIQUES DANS LES INSTALLATIONS INDUSTRIELLES**
[72] SHUMKA, JASON, CA
[72] SHUMKA, THOMAS, CA
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[54] **OUTIL ELECTROMAGNETIQUE D'INSPECTION DE TUBAGE A SENSIBILITE AZIMUTALE**
[72] ZHANG, JUN, US
[73] PROBE TECHNOLOGY SERVICES, INC., US
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[72] KEMP, GARY ALLAN, US
[72] SCHLUETTER, JENS-UWE, US
[72] BRUMFIELD, HARRIS, US
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[54] **APPAREIL ET PROCEDE DE REMPLISSAGE ASEPTIQUE DE CONTENANTS PHARMACEUTIQUES AVEC UN FLUIDE PHARMACEUTIQUE**
[72] PROCYSHYN, CHRISTOPHER, CA
[72] NAING, JUVENAL, CA
[72] SENGER, JOHN, CA
[72] CICHY, MARCIN, CA
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[72] WASS, TORBJORN, SE
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[54] **METHOD AND SYSTEM FOR REAL TIME REGULATION OF YANKEE DRYER COATING BASED ON PREDICTED NATURAL COATING TRANSFER**
[54] **PROCEDE ET SYSTEME DE REGULATION EN TEMPS REEL D'UN REVETEMENT DE SECHEUR FRICTIONNEUR BASE SUR UN TRANSFERT DE REVETEMENT NATUREL PREDIT**
[72] BUIST, DAVID, US
[72] HOEKSTRA, PHIL, US
[72] GLOVER, DANIEL, US
[72] LUSK, RICHARD, US
[72] ROY, VINCE, US
[72] RUEMMELE, COLIN, US
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[54] **APPAREIL DE PLAQUE DE PRESSION**
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[72] ANDO, MARIAN, CA
[72] KROL, ANDRZEJ, CA
[73] MCCLOSKEY INTERNATIONAL LIMITED, CA
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[54] **FLUIDES DE FORAGE DESTINES AU FORAGE DE MICRO PIEUX ET METHODES DE PREPARATION DE FLUIDES DE FORAGE**
[72] HU, XINLI, CN
[72] YING, CHUNYE, CN
[72] DUAN, LONGCHEN, CN
[72] ZHOU, CHANG, CN
[72] XU, CHU, CN
[72] WANG, QIANG, CN
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[54] **CODAGE ET DECODAGE D'IMAGE AU MOYEN D'UN PROCEDE DE DECALAGE ADAPTATIF DE PIXEL**
[72] HIWASA, NORIMICHI, JP
[72] MINEZAWA, AKIRA, JP
[72] SEKIGUCHI, SHUNICHI, JP
[72] SUGIMOTO, KAZUO, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **ENCRE SUR ARTICLES A BASE DE PATE**
[72] LI, JIAZHUANG, CN
[72] SANDERS, LANCE TERRELL, US
[72] WANG, WENYI, US
[72] ZHANG, XU, CN
[73] GENERAL MILLS, INC., US
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[54] **DISPOSITIF D'ETANCHEITE DYNAMIQUE A HAUTE PRESSION**
[72] DIETLE, LANNIE LAROY, US
[73] KALSI ENGINEERING INC., US
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[71] LULULEMON ATHLETICA CANADA INC., CA
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[72] ORMONDE, MIKE, CA
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[54] **VETEMENTS MEDICAUX ET ACCESSOIRES DOTES DE PIECES ELASTIQUES SOUDEES ET METHODES DE FABRICATION**
[72] PONICH, DAVID R., CA
[72] EULERT, JOSHUA A., CA
[72] FOK, ENRICO W.K., CA
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[71] PRIMED MEDICAL PRODUCTS INC., CA
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[54] **METHODS OF GENERATING AN ENCODED REPRESENTATION OF AN IMAGE AND SYSTEMS OF OPERTAING THEREOF**
[54] **METHODES DE GENERATION D~UNE PRESENTATION CODEE D'UNE IMAGE ET D'UN SYSTEME D'EXPLOITATION ASSOCIE**
[72] TIZHOOSH, HAMID REZA, CA
[72] BABAIE, MORTEZA, IR
[71] HURON TECHNOLOGIES INTERNATIONAL INC., CA
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[72] PATNALA, SANTOSH SASIKANTH, CA
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[54] **DISPOSITIFS ET METHODES DE COMPRESSION D'UN DOIGT POUR FACILITER LE RETRAIT D'UNE BAGUE**
[72] MACKEIL, BRAD, CA
[72] LANDRY, MASON, CA
[72] THOMPSON, CALLUM, CA
[72] HENNESSEY, PATRICK, CA
[72] SPENCER, KEVIN, CA
[71] MACKEIL, BRAD, CA
[71] LANDRY, MASON, CA
[71] THOMPSON, CALLUM, CA
[71] HENNESSEY, PATRICK, CA
[71] SPENCER, KEVIN, CA
[22] 2018-03-29
[41] 2019-09-29

[21] **2,999,665**
[13] A1
[51] **Int.Cl. G01J 5/10 (2006.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **QEA TECH (QUANTIFIABLE ENERGY AUDIT) SYSTEM**
[54] **SYSTEME TECHNIQUE DE VERIFICATION D'ENERGIE QUANTIFIABLE**
[72] UNKNOWN, ZZ
[71] 757706 ONTARIO INC., CA
[22] 2018-03-29
[41] 2019-09-29

[21] **2,999,670**
[13] A1
[51] **Int.Cl. A61K 31/166 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **CI-1040 FOR THE TREATMENT OF VIRAL DISEASES**
[54] **CI-1040 SERVANT AU TRAITEMENT DE MALADIES VIRALES**
[72] PLANZ, OLIVER, DE
[71] ATRIVA THERAPEUTICS GMBH, DE
[22] 2018-03-29
[41] 2019-09-29

[21] **2,999,724**
[13] A1
[51] **Int.Cl. E04H 4/14 (2006.01)**
[25] FR
[54] **COMPONENT FOR DECORATIVE TRIM AND/OR FINISHING TRIM AND/OR TRIM FOR RESTORATION OF SUN DISCOLOURATION**
[54] **COMPOSANT POUR GARNITURE DECORATIVE ET/OU DE FINITION ET/OU DE RESTAURATION DU A LA DECOLORATION DU AU SOLEIL**
[72] KATSOUROS, STEVE, CA
[71] KATSOUROS, STEVE, CA
[22] 2018-03-29
[41] 2019-09-29

[21] **3,000,074**
[13] A1
[51] **Int.Cl. B60R 11/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **PORTABLE WORKSTATION ASSEMBLY**
[54] **ENSEMBLE DE POSTE DE TRAVAIL PORTATIF**
[72] PETRIE, JEREMY J., CA
[71] PETRIE, JEREMY J., CA
[22] 2018-04-03
[41] 2019-10-03

[21] **3,000,075**
[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL PLAYGROUND STRUCTURE**
[54] **STRUCTURE DE TERRAIN DE JEU MULTIFONCTIONNELLE**
[72] VOYER, PHILIPPE, CA
[71] LES JEUX 1000PATTES INC., CA
[22] 2018-04-03
[41] 2019-10-03

[21] **3,000,076**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **VAPORIZING ARTICLE AND CONTAINERS FOR VAPORIZING ARTICLES**
[54] **ARTICLE DE VAPORISATION ET CONTENANTS D'ARTICLES DE VAPORISATION**
[72] PERRINS, ROB, CA
[72] BOUCHARD, MICHEL, CA
[72] BOUCHARD, JEAN-PIERRE, CA
[71] PERRINS, ROB, CA
[71] BOUCHARD, MICHEL, CA
[71] BOUCHARD, JEAN-PIERRE, CA
[22] 2018-04-03
[41] 2019-10-03

[21] **3,000,095**
[13] A1
[51] **Int.Cl. A45D 40/22 (2006.01) A45D 34/00 (2006.01)**
[25] EN
[54] **HAND HELD COSMETIC STORAGE SYSTEM**
[54] **SYSTEME DE RANGEMENT DE COSMETIQUES PORTATIF**
[72] CARTER, SUZANNE, CA
[71] CARTER, SUZANNE, CA
[22] 2018-04-03
[41] 2019-10-03

[21] **3,000,125**
[13] A1
[51] **Int.Cl. A47J 27/00 (2006.01) A47J 37/10 (2006.01) A47J 43/044 (2006.01)**
[25] EN
[54] **COOKING APPARATUS**
[54] **APPAREIL DE CUISSON**
[72] ZHANG, JUN, CA
[72] DENG, FENG, CA
[72] HUANG, ZHENXIONG, CN
[72] YANG, YUN, CN
[71] D & J IMPORT-EXPORT LTD., CA
[22] 2018-03-29
[41] 2019-09-29

[21] **3,000,128**
[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01)**
[25] EN
[54] **SECTIONAL PLAYGROUND STRUCTURE**
[54] **STRUCTURE DE TERRAIN DE JEU SECTIONNELLE**
[72] VOYER, PHILIPPE, CA
[71] LES JEUX 1000PATTES INC., CA
[22] 2018-04-03
[41] 2019-10-03

[21] **3,000,165**
[13] A1
[51] **Int.Cl. F21V 15/00 (2015.01) F21K 9/00 (2016.01) F21S 4/20 (2016.01) F21V 15/01 (2006.01)**
[25] EN
[54] **IMPACT AND TAMPER RESISTANT LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE INVIOLABLE RESISTANT AUX CHOCS**
[72] BAYER, BENJAMIN, CA
[72] LITUNENKO, IGOR, CA
[71] BAYER, BENJAMIN, CA
[71] LITUNENKO, IGOR, CA
[22] 2018-04-03
[41] 2019-10-03

[21] **3,000,169**
[13] A1
[51] **Int.Cl. G02B 6/26 (2006.01) G02B 6/34 (2006.01) G02B 6/42 (2006.01)**
[25] EN
[54] **GLASS FERRULE COUPLING OF IN-LINE FIBER TAPS AND FIBER CLADDING WAVEGUIDES**
[54] **RACCORDEMENT DE FERULE EN VERRE DE PRISES DE FIBRE EN LIGNE ET GUIDES D'ONDE A GAINAGE DE FIBRE**
[72] SEZERMAN, OMUR, CA
[72] FERNANDES, LUIS ANDRE, CA
[72] BEST, GARLAND, CA
[72] NG, MI LI, CA
[71] OZ OPTICS LTD., CA
[22] 2018-04-03
[41] 2019-10-03

[21] **3,000,190**
[13] A1
[51] **Int.Cl. F28F 9/02 (2006.01) B08B 3/02 (2006.01) F24H 1/06 (2006.01) F24H 1/16 (2006.01) F24H 1/43 (2006.01) F28F 9/22 (2006.01)**
[25] EN
[54] **NOTCHED BASE RING FOR USE WITH A HEAT EXCHANGER OF A PRESSURE WASHER**
[54] **BAGUE A BASE ENCOCHEE DESTINEE A UN ECHANGEUR THERMIQUE D'UNE LAVEUSE SOUS PRESSION**
[72] HECIMOVICH, KYLE, US
[71] NORTHERN TOOL & EQUIPMENT COMPANY, INC., US
[22] 2018-04-03
[41] 2019-09-29
[30] US (15/939,491) 2018-03-29

[21] **3,000,194**
[13] A1
[51] **Int.Cl. F23M 20/00 (2014.01) B08B 3/02 (2006.01) B08B 13/00 (2006.01) F24H 1/06 (2006.01) F24H 1/43 (2006.01) F24H 9/00 (2006.01) F28F 9/00 (2006.01)**
[25] EN
[54] **COMBUSTION CHAMBER GASKET FOR USE WITH A PRESSURE WASHER**
[54] **JOINT DE CHAMBRE DE COMBUSTION DESTINE A UNE LAVEUSE SOUS PRESSION**
[72] HECIMOVICH, KYLE, US
[71] NORTHERN TOOL & EQUIPMENT COMPANY, INC., US
[22] 2018-04-02
[41] 2019-09-29
[30] US (15/939,441) 2018-03-29

[21] **3,000,203**
[13] A1
[51] **Int.Cl. B08B 13/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **MODULAR DESIGN FOR PRESSURE WASHER SYSTEMS**
[54] **CONCEPT MODULAIRE DESTINE A DES SYSTEMES DE LAVEUSE SOUS PRESSION**
[72] SCHUETZ, JOHN, US
[72] RANCOURT, TIMOTHY, US
[72] HECIMOVICH, KYLE, US
[71] NORTHERN TOOL & EQUIPMENT COMPANY, INC., US
[22] 2018-04-03
[41] 2019-09-29
[30] US (15/939,585) 2018-03-29

[21] **3,000,244**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) B67D 7/08 (2010.01) G07C 11/00 (2006.01)**
[25] EN
[54] **FLUID PUMP WITH WHISTLE**
[54] **POMPE DE FLUIDE EQUIPEE D'UN SIFFLET**
[72] OPHARDT, HEINER, CH
[72] JONES, ANDREW, CA
[71] OP-HYGIENE IP GMBH, CH
[22] 2018-04-04
[41] 2019-10-04

[21] **3,000,248**
[13] A1
[51] **Int.Cl. D21C 11/12 (2006.01)**
[25] EN
[54] **COMBUSTION OF STREAMS DERIVED FROM HOT WATER EXTRACTION OF WOOD MATERIAL**
[54] **COMBUSTION DE FLUX DERIVES DE L'EXTRACTION D'EAU CHAUDE DE MATERIAU DE BOIS**
[72] LALONDE, JONATHAN, CA
[72] HUDON, PIERRE, CA
[72] AUDET, CLAUDE, CA
[72] BOULAY, PIERRE, CA
[72] KALLA, SMAIL, CA
[72] GOSSELIN, GERARD, CA
[72] MARTINEAU, ROBERT, CA
[71] CASCADES CANADA ULC, CA
[22] 2018-04-04
[41] 2019-10-04

[21] **3,000,249**
[13] A1
[51] **Int.Cl. B63B 59/04 (2006.01) B06B 1/06 (2006.01) B06B 3/00 (2006.01) B08B 17/00 (2006.01) B63B 59/08 (2006.01)**
[25] EN
[54] **A SYSTEM FOR ALGAE PROTECTION OF LARGE UNDERWATER SURFACES USING A COMBINATION OF GUIDED WAVE ULTRASOUND AND ULTRASONIC HETERODYNING BY USING TWO OR MORE SYMULTANEOUS FREQUENCIES**
[54] **UN SYSTEME DE PROTECTION DE GRANDES SURFACES SOUS-MARINES DES ALGUES AU MOYEN D'UNE COMBINAISON D'ULTRASON GUIDE PAR DES ONDES ET HETERODYNAGE ULTRASONORE AU MOYEN D'AU MOINS DEUXFREQUENCES SIMULTANEES**
[72] KRAUSE, HANS JUERG, CA
[72] JOST, PIERRE-OLIVIER, FR
[71] KRAUSE, HANS JUERG, CA
[71] JOST, PIERRE-OLIVIER, FR
[22] 2018-04-04
[41] 2019-10-04

[21] **3,000,250**
[13] A1
[51] **Int.Cl. B08B 13/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **LOW CLEANING FLUID SHUTDOWN SYSTEM FOR USE WITH A PRESSURE WASHER**
[54] **SYSTEME DE FERMETURE DE FLUIDE A FAIBLE NETTOYAGE DESTINE A UNE LAVEUSE A PRESSION**
[72] RUDNICK, THOMAS, US
[72] SCHUETZ, JOHN, US
[72] HECIMOVICH, KYLE, US
[72] WISE, NATHAN, US
[71] NORTHERN TOOL & EQUIPMENT COMPANY, INC., US
[22] 2018-04-04
[41] 2019-10-03
[30] US (15/943,764) 2018-04-03

[21] **3,000,252**
[13] A1
[51] **Int.Cl. B08B 13/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **PUMP, ENGINE, AND GENERATOR UNIT FOR USE WITH A PRESSURE WASHER**
[54] **POMPE, MOTEUR ET MODULE DE GENERATEUR DESTINES A UNE LAVEUSE A PRESSION**
[72] RANCOURT, TIMOTHY, US
[72] SCHUETZ, JOHN, US
[72] HECIMOVICH, KYLE, US
[71] NORTHERN TOOL & EQUIPMENT COMPANY, INC., US
[22] 2018-04-04
[41] 2019-10-02
[30] US (15/942,766) 2018-04-02

[21] **3,000,258**
[13] A1
[51] **Int.Cl. A61K 49/00 (2006.01) B01J 13/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR MICROFLUIDIC VACUUM SHRINKAGE OF MICROBUBBLES**
[54] **APPAREIL, SYSTEMES ET METHODES DE RETRECISSAGE PAR ASPIRATION MICROFLUIDIQUE DE MICROBULLES**
[72] TSAI, SCOTT, CA
[72] KARSHAFIAN, RAFFI, CA
[72] KOLIOS, MICHAEL, CA
[72] MOON, BYEONG-UI, CA
[72] GNYAWALI, VASKAR, CA
[71] TSAI, SCOTT, CA
[71] KARSHAFIAN, RAFFI, CA
[71] KOLIOS, MICHAEL, CA
[71] MOON, BYEONG-UI, CA
[71] GNYAWALI, VASKAR, CA
[22] 2018-04-04
[41] 2019-10-04

[21] **3,000,265**
[13] A1
[51] **Int.Cl. F16L 59/10 (2006.01) F16L 59/14 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **INSULATED AIR TRANSFER DUCT**
[54] **CONDUIT DE TRANSFERT D'AIR ISOLE**
[72] NOLIN, DANIEL FRANK, CA
[71] NOLIN, DANIEL FRANK, CA
[22] 2018-04-04
[41] 2019-10-04

[21] **3,000,268**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **AD HOC SUPPLY CHAIN COMMUNITY NODE**
[54] **NOEUD DE COMMUNAUTE DE CHAINE D'APPROVISIONNEMENT AD HOC**
[72] KATSOULAKOS, PANAYOTIS, GB
[72] ZORGIOS, IOANNIS, GB
[72] FERGADIOTOU, IOANNA, GR
[72] O'SULLIVAN, PATRICK J., IE
[72] KARAKOSTAS, VASSILEIOS, GB
[72] MYGIAKIS, ANTONIOS, GR
[71] CLMS UK LIMITED, GB
[22] 2018-04-03
[41] 2019-09-30
[30] US (15/941,115) 2018-03-30

[21] **3,000,277**
[13] A1
[51] **Int.Cl. F28F 21/08 (2006.01) C10G 9/20 (2006.01) F27B 1/22 (2006.01)**
[25] EN
[54] **REDUCED FOULING FROM THE CONVECTION SECTION OF A CRACKER**
[54] **ENCRASSAGE REDUIT DE LA SECTION DE CONVECTION D'UN CRAQUEUR**
[72] SIMANZHENKOV, VASILY, CA
[72] KOSELEK, MICHAEL, CA
[72] BENUM, LESLIE, CA
[72] FARAG, HANY, CA
[72] OLAYIWOLA, BOLAJI, CA
[72] KLUTHE, JEFFREY, CA
[72] DONNELLY, KATHLEEN, CA
[72] MAH, EVAN, CA
[72] XIE, JEFFREY, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2018-04-04
[41] 2019-10-04

[21] **3,000,281**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) H04L 12/753 (2013.01) H04L 12/58 (2006.01)**
[25] EN
[54] **CONTENT BASED MESSAGE ROUTING FOR SUPPLY CHAIN INFORMATION SHARING**
[54] **ACHEMINEMENT DE MESSAGE FONDE SUR LE CONTENU DESTINE A LA COMMUNICATION D'INFORMATION DE CHAINE D'APPROVISIONNEMENT**
[72] KATSOULAKOS, PANAYOTIS, GB
[72] ZORGIOS, IOANNIS, GB
[72] O'SULLIVAN, PATRICK J., IE
[72] KARAKOSTAS, VASSILEIOS, GB
[72] MYGIAKIS, ANTONIOS, GR
[71] CLMS UK LIMITED, GB
[22] 2018-04-03
[41] 2019-09-30
[30] US (15/941,155) 2018-03-30

[21] **3,000,332**
[13] A1
[51] **Int.Cl. A61B 5/107 (2006.01) A47G 9/10 (2006.01) A61F 5/00 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **CUSTOM ORTHOTIC PILLOW SYSTEM**
[54] **SYSTEME D'OREILLER ORTHETIQUE ADAPTE**
[72] KING, SHAWN A., CA
[71] KING, SHAWN A., CA
[22] 2018-04-05
[41] 2019-10-04
[30] US (15945702) 2018-04-04

[21] **3,000,337**
[13] A1
[51] **Int.Cl. G01N 23/00 (2006.01)**
[25] EN
[54] **X-RAY WAND VEHICLE**
[54] **VEHICULE DE BATON DE RAYONS X**
[72] BRAMHAM, JASON R., CA
[71] BRAMHAM, JASON R., CA
[22] 2018-04-05
[41] 2019-10-05

[21] **3,000,342**
[13] A1
[51] **Int.Cl. A47J 43/27 (2006.01) A47J 43/042 (2006.01)**
[25] EN
[54] **COMPARTMENTALIZED MIXING CONTAINER AND SYSTEM**
[54] **CONTENANT DE MELANGE COMPARTIMENTE ET SYSTEME**
[72] GABER, STEPHANIE, CA
[72] GABER, JARED, CA
[71] GABER, STEPHANIE, CA
[71] GABER, JARED, CA
[22] 2018-04-05
[41] 2019-10-05

[21] **3,000,367**
[13] A1
[51] **Int.Cl. H01B 13/02 (2006.01) G05D 15/01 (2006.01) G08C 17/02 (2006.01) H02P 5/00 (2016.01)**
[25] EN
[54] **SYSTEM FOR FABRICATING STRANDED CABLE AND CONTROL THEREFOR**
[54] **SYSTEME DE FABRICATION DE CABLE ALLONGE ET CONTROLE ASSOCIE**
[72] COE, RAYMOND, CA
[72] BROWNE, ALLAN, CA
[72] IVANOV, KRASIMIR, CA
[71] TENSOR MACHINERY LTD., CA
[22] 2018-04-04
[41] 2019-10-04

[21] **3,000,377**
[13] A1
[51] **Int.Cl. G09F 7/18 (2006.01) H04N 5/655 (2006.01)**
[25] EN
[54] **VIDEO DISPLAY DEVICE FOR INTEGRATION INTO GONDOLA SHELVING**
[54] **DISPOSITIF D'AFFICHAGE VIDEO DESTINE A UNE INTEGRATION DANS UNE ETAGERE GONDOLE**
[72] WHEELER, NOLAN, CA
[72] RODRIGUEZ, JOSHUA, CA
[72] STONIER, CHRIS, CA
[72] MARTIN, CHRIS, CA
[71] SYNQ ACCESS + SECURITY TECHNOLOGY LTD., CA
[22] 2018-04-05
[41] 2019-10-05

[21] **3,000,381**
[13] A1
[51] **Int.Cl. F16B 7/00 (2006.01) A63G 31/00 (2006.01) F16B 7/04 (2006.01) F16S 3/04 (2006.01)**
[25] EN
[54] **PLAY STRUCTURE TUBE CONNECTOR AND SYSTEM**
[54] **RACCORD DE TUBE DE STRUCTURE DE JEU ET SYSTEME**
[72] KALISH, LANCE, AU
[72] BRICE, PJ, US
[72] HARNEJA, SACHIN, CN
[72] LEFFLER, IDO, US
[71] BEACH HOUSE GROUP LIMITED, CN
[22] 2018-04-05
[41] 2019-10-05

[21] **3,000,449**
[13] A1
[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01) A41D 13/05 (2006.01) A41D 13/06 (2006.01)**
[25] EN
[54] **HOCKEY GOALKEEPER LEG PAD**
[54] **JAMBIERE DE GARDIEN DE BUT DE HOCKEY**
[72] FILIATRAULT-GIROUX, MATHIEU, CA
[72] OUELLET, FRANCIS, CA
[72] LEFEBVRE, MICHEL, CA
[72] LEFEBVRE, PATRICK, CA
[72] MORIN, SEBASTIEN, CA
[71] SPORT MASKA INC., CA
[71] LES EQUIPEMENTS DE GARDIEN DE BUT MICHEL LEFEBVRE INC., CA
[22] 2018-04-05
[41] 2019-10-05

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[21] **3,000,492**
[13] A1
[51] **Int.Cl. H04W 80/12 (2009.01) H04W 12/06 (2009.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **GENERATION AND PROVISIONING OF DIGITAL TOKENS BASED ON DYNAMICALLY OBTAINED CONTEXTUAL DATA**
[54] **GENERATION ET FOURNITURE DE JETONS NUMERIQUES FONDEES SUR DES DONNEES CONTEXTUELLES OBTENUES DYNAMIQUEMENT**
[72] DUNJIC, MILOS, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[72] DOYLE, CASEY LYN, CA
[72] LIU, YUBING, CA
[72] PATEL, HET ANAND, CA
[72] MCCANN, STEPHEN JOHN, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] TAX, DAVID SAMUEL, CA
[72] LEE, JOHN JONG SUK, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2018-04-06
[41] 2019-10-05
[30] US (15/946,132) 2018-04-05

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[21] **3,000,493**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) H04W 12/02 (2009.01) H04W 4/021 (2018.01)**
[25] EN
[54] **REAL-TIME AUTHORIZATION OF INITIATED DATA EXCHANGES BASED ON DYNAMICALLY GENERATED TOKENIZED DATA**
[54] **AUTORISATION EN TEMPS REEL D'ECHANGES DE DONNEES AMORCES FONDEE SUR DES DONNEES A JETONS GENEREES DYNAMIQUEMENT**
[72] D'AGOSTINO, DINO PAUL, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] TSERETOPOULOS, DEAN C.N., CA
[72] ECKER, JEFFREY AARON, CA
[72] MCPHEE, ADAM DOUGLAS, CA
[72] DUNJIC, MILOS, CA
[72] LEE, JOHN JONG-SUK, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2018-04-06
[41] 2019-10-05
[30] US (15/946,475) 2018-04-05

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[21] **3,000,524**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/32 (2013.01) H04L 9/30 (2006.01)**
[25] EN
[54] **DYNAMIC BIOMETRIC AUTHENTICATION BASED ON DISTRIBUTED LEDGER DATA**
[54] **AUTHENTIFICATION BIOMETRIQUE DYNAMIQUE FONDEE SUR DES DONNEES DE COMPTABILITE DISTRIBUEES**
[72] CHOW, ARTHUR CARROLL, CA
[72] NGUYEN, ANTHONY HAITUYEN, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] DUNJIC, MILOS, CA
[72] TAX, DAVID SAMUEL, CA
[72] LEE, JOHN JONG-SUK, CA
[72] JAGGA, ARUN VICTOR, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2018-04-06
[41] 2019-10-05
[30] US (15/946,703) 2018-04-05

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[21] **3,000,568**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **DYNAMIC AUTHORIZATION OF PRE-STAGED DATA EXCHANGES BASED ON CONTEXTUAL DATA**
[54] **AUTORISATION DYNAMIQUE D'ECHANGES DE DONNEES PREPROGRAMMES FONDEE SUR DES DONNEES CONTEXTUELLES**
[72] MCCARTER, ROBERT ALEXANDER, CA
[72] LALKA, VIPUL KISHORE, CA
[72] MORETTI, NADIA, CA
[72] DICKIE, PAIGE ELYSE, CA
[72] KURUVILLA, DENNY DEVASIA, CA
[72] D'AGOSTINO, DINO PAUL, CA
[72] TSERETOPOULOS, DEAN C.N., CA
[72] DUNJIC, MILOS, CA
[72] LEE, JOHN JONG-SUK, CA
[72] JAGGA, ARUN VICTOR, CA
[72] WALIA, SARABJIT SINGH, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2018-04-06
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[51] **Int.Cl. F04B 53/20 (2006.01) B01D 35/02 (2006.01) E21B 43/08 (2006.01) F04B 47/00 (2006.01) F04B 47/02 (2006.01)**
[25] EN
[54] **SCREEN FILTER ASSEMBLY AND METHOD THEREFOR**
[54] **DISPOSITIF DE FILTRE ET METHODE ASSOCIEE**
[72] FORD, MICHAEL BRENT, US
[71] FORD, MICHAEL BRENT, US
[22] 2018-04-11
[41] 2019-09-29
[30] US (15/939839) 2018-03-29

[21] **3,001,406**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **A DEVICE FOR NEGOTIATING AN OPTIMIZED RESOURCE ALLOCATION**
[54] **UN DISPOSITIF DE NEGOCIATION D'UNE ALLOCATION DE RESSOURCE OPTIMISEE**
[72] NABATI YAZDI ZADEH, HAMID REZA, CA
[72] YU, JIA YUAN, CA
[71] VALORBEC, SOCIETE EN COMMANDITE, CA
[22] 2018-04-13
[41] 2019-09-30
[30] US (15/941,079) 2018-03-30

[21] **3,005,546**
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[51] **Int.Cl. A01N 61/00 (2006.01) A01M 23/00 (2006.01) A01M 99/00 (2006.01) A01N 25/10 (2006.01) A01P 11/00 (2006.01)**
[25] EN
[54] **RODENTICIDE**
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[72] PERRY, STEPHEN C., US
[71] PERRY, STEPHEN C., US
[22] 2018-05-22
[41] 2019-10-03
[30] US (15/943,897) 2018-04-03

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[13] A1
[51] **Int.Cl. E04G 21/18 (2006.01) E04F 11/18 (2006.01) E04F 21/18 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **PANEL SUPPORT SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE SUPPORT DE PANNEAU**
[72] NOBLE, ANGUS, GB
[71] PURE VISTA LTD., GB
[22] 2018-06-11
[41] 2019-09-29
[30] GB (GB1805239.9) 2018-03-29

[21] **3,008,153**
[13] A1
[51] **Int.Cl. E05F 15/665 (2015.01) E05D 15/26 (2006.01) E06B 3/44 (2006.01) E06B 3/48 (2006.01)**
[25] EN
[54] **OVERHEAD BI-FOLD DOOR**
[54] **PORTE PLIANTE BASCULANTE**
[72] SCHWEISS, MICHAEL L., US
[71] SCHWEISS, MICHAEL L., US
[22] 2018-06-14
[41] 2019-09-29
[30] US (15/940,628) 2018-03-29

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[13] A1
[51] **Int.Cl. F21V 17/12 (2006.01) F21V 29/70 (2015.01) F21V 29/74 (2015.01) F21V 21/04 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LIGHT FIXTURE**
[54] **APPAREIL D'ECLAIRAGE**
[72] GHASABI, AMIR, CA
[71] LUMINIZ INC., CA
[22] 2018-07-03
[41] 2019-10-01

[21] **3,010,833**
[13] A1
[51] **Int.Cl. A47G 29/20 (2006.01) A47G 29/124 (2006.01)**
[25] EN
[54] **APPARATUS FOR DETERRING THEFT OF PACKAGES**
[54] **APPAREIL SERVANT A PREVENIR LE VOL DE PAQUETS**
[72] DANIELS, MADISON, CA
[71] DANIELS, MADISON, CA
[22] 2018-07-09
[41] 2019-09-29
[30] CA (2999621) 2018-03-29

[21] **3,010,835**
[13] A1
[51] **Int.Cl. A61B 7/04 (2006.01) H03F 99/00 (2009.01) H03H 7/01 (2006.01)**
[25] EN
[54] **STETHOGRAPHIC DEVICE**
[54] **APPAREIL STETHOGRAPHIQUE**
[72] ATASHBAR, MASSOOD ZANDI, US
[72] NARAKATHU, BINU BABY, US
[72] ZHANG, XINGZHE, US
[72] MADDIPATLA, DINESH, US
[71] THE BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY, US
[22] 2018-07-09
[41] 2019-09-30
[30] US (62/650,781) 2018-03-30

[21] **3,014,820**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04B 1/76 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **PRE-FINISHED INSULATED PANEL SYSTEM FOR CLADDING A BUILDING**
[54] **SYSTEME DE PANNEAU ISOLE PREFINI DESTINE AU REVETEMENT D'UN BATIMENT**
[72] SANTAROSSA, NED, CA
[72] CAMPACCI, GARY, CA
[71] CANAROCK LIMITED, CA
[22] 2018-08-21
[41] 2019-10-05
[30] US (15/945,811) 2018-04-05

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[13] A1
[51] **Int.Cl. B01D 46/52 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **AIR FILTER DEVICE FOR HVAC AND/OR FURNACE SYSTEMS**
[54] **DISPOSITIF DE FILTRE A AIR DESTINE A DES SYSTEMES CVCA ET DES CHAUDIERES**
[72] TABCHOURI, GEORGE, CA
[71] TABCHOURI, GEORGE, CA
[22] 2018-08-17
[41] 2019-09-29
[30] CA (2,999,686) 2018-03-29

[21] **3,015,107**
[13] A1
[51] **Int.Cl. E01F 15/00 (2006.01) E02B 3/26 (2006.01)**
[25] EN
[54] **DYNAMIC PROTECTIVE BARRIER**
[54] **BARRIERE PROTECTRICE DYNAMIQUE**
[72] UNKNOWN, ZZ
[71] CZERNIATEWICZ, MACIEJ M. C., CA
[22] 2018-10-04
[41] 2019-10-01

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[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01) B01F 5/06 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **TWO STAGE FOAM PUMP AND METHOD OF PRODUCING FOAM**
[54] **POMPE A MOUSSE A DEUX ETAGES ET METHODE DE PRODUCTION DE MOUSSE**
[72] JONES, ANDREW, CA
[72] OPHARDT, HEINER, CH
[71] OP-HYGIENE IP GMBH, CH
[22] 2018-09-24
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[51] **Int.Cl. A61K 31/415 (2006.01) A61K 31/192 (2006.01) A61K 31/196 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **PROPHYLACTIC AND/OR THERAPEUTIC DRUG FOR DIABETIC NEPHROPATHY**
[54] **MEDICAMENT PROPHYLACTIQUE OU THERAPEUTIQUE DESTINE A LA NEPHROPATHIE DIABETIQUE**
[72] DOI, TOSHIO, JP
[72] TOMINAGA, TATSUYA, JP
[72] FUJITA, YUI, JP
[71] HUBIT GENOMIX, INC., JP
[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP
[22] 2018-09-27
[41] 2019-10-02
[30] JP (2018-071111) 2018-04-02

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[13] A1
[51] **Int.Cl. F16N 31/00 (2006.01) B08B 15/00 (2006.01) B66F 11/04 (2006.01) E04G 1/22 (2006.01)**
[25] EN
[54] **MOBILE WORK MACHINE WITH FLUID DRIP RETENTION**
[54] **MACHINE DE TRAVAIL MOBILE A RETENTION DE GOUTTE DE FLUIDE**
[72] CROOK, GARY, US
[71] CALIFORNIA MANUFACTURING & ENGINEERING COMPANY, LLC, US
[22] 2018-10-24
[41] 2019-10-05
[30] US (62/653208) 2018-04-05
[30] US (16/122391) 2018-09-05

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[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **MITIGATION OF OFFLINE CIPHERTEXT-ONLY ATTACKS**
[54] **ATTENUATION DES ATTAQUES DE CRYPTOGRAMME HORS LIGNE SEULEMENT**
[72] HEBERT, CEDRIC, DE
[72] GOMEZ, LAURENT, DE
[72] MARQUEZ, JOSE, DE
[71] SAP SE, DE
[22] 2018-10-29
[41] 2019-09-30
[30] US (15/941,548) 2018-03-30

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[13] A1
[51] **Int.Cl. B01F 15/04 (2006.01) B01F 15/02 (2006.01)**
[25] EN
[54] **ON-BOARD MIXING SYSTEM FOR FIREFIGHTING CHEMICALS**
[54] **SYSTEME DE MELANGE EMBARQUE DESTINE AUX PRODUITS CHIMIQUES DE LUTTE INCENDIE**
[72] HULBERT, DENNIS, US
[72] GRAVES, MARSHALL, US
[72] MILLIGAN, DANNY, US
[72] GEISSLER, GERALD, US
[72] FLODEN, DUANE, US
[72] SCHNARR, MICHAEL, US
[71] BARRACUDA ENVIRONMENTAL SOLUTIONS INC., CA
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[30] US (62/651,112) 2018-03-31

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[13] A1
[51] **Int.Cl. E04B 5/38 (2006.01) E04B 5/36 (2006.01)**
[25] EN
[54] **FLOOR PANEL SYSTEM**
[54] **SYSTEME DE PANNEAU DE PLANCHER**
[72] DUTIL, FRANCOIS, CA
[72] GUERIN, MICHEL, CA
[71] BAILEY METAL PRODUCTS LIMITED, CA
[22] 2018-11-23
[41] 2019-09-29
[30] US (62/649,999) 2018-03-29

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[51] **Int.Cl. G02B 6/036 (2006.01) H01S 3/067 (2006.01) H01S 3/091 (2006.01) G02B 27/10 (2006.01)**
[25] EN
[54] **AMPLIFICATION OPTICAL FIBER, FIBER LASER DEVICE, AND OPTICAL RESONATOR**
[54] **AMPLIFICATION DE FIBRE OPTIQUE, DISPOSITIF DE FIBRE OPTIQUE ET RESONATEUR OPTIQUE**
[72] KITAHARA, RINTARO, JP
[72] MIYAUCHI, HIDENORI, JP
[71] FUJIKURA LTD., JP
[22] 2018-11-27
[41] 2019-09-30
[30] JP (2018-069801) 2018-03-30

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[13] A1
[51] **Int.Cl. A24F 1/30 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **TIP-LESS WATER PIPE**
[54] **TUYAU D'EAU SANS EMBOUT**
[72] RISOLIA, JOSEPH ROBERT, US
[72] LEVY, JACOB, US
[71] RISOLIA, JOSEPH ROBERT, US
[71] LEVY, JACOB, US
[22] 2018-12-11
[41] 2019-09-29
[30] US (15/939,890) 2018-03-29

[21] **3,028,053**
[13] A1
[51] **Int.Cl. H04L 25/38 (2006.01) B64D 15/00 (2006.01) B64D 41/00 (2006.01) H04B 3/54 (2006.01) H04L 1/24 (2006.01)**
[25] EN
[54] **AIRCRAFT COMMUNICATION SYSTEM AND PROTOCOL**
[54] **SYSTEME ET PROTOCOLE DE COMMUNICATION D'AERONEF**
[72] BOUCHET, ARNAUD, FR
[72] MERDRIGNAC, NICOLAS, FR
[71] RATIER-FIGEAC SAS, FR
[22] 2018-12-18
[41] 2019-10-03
[30] EP (18305394.1) 2018-04-03

[21] **3,028,660**
[13] A1
[51] **Int.Cl. A43D 25/00 (2006.01) B29D 35/10 (2010.01) A43D 9/00 (2006.01)**
[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
[71] CHAEI HSIN ENTERPRISE CO., LTD., CN
[22] 2018-12-27
[41] 2019-10-02
[30] TW (107111673) 2018-04-02

[21] **3,028,667**
[13] A1
[51] **Int.Cl. A47B 81/00 (2006.01) A43D 117/00 (2006.01) A47B 61/04 (2006.01)**
[25] EN
[54] **DRAINING SYSTEM FOR WET OBJECTS ON SINGLE AND MULTI LEVEL TRAYS**
[54] **SYSTEME DE DRAINAGE D'OBJETS MOUILLES SUR DES PLATEAUX SIMPLES ET DES PLATEAUX MULTINIVEAUX**
[72] SINGH, MANDEEP MS, CA
[71] SINGH, MANDEEP MS, CA
[22] 2018-12-28
[41] 2019-09-30
[30] US (62/650,598) 2018-03-30

[21] **3,028,706**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/015 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61K 31/7048 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATIONS AND INSTILLATES, KITS, AND METHODS FOR TREATING INTEGUMENTARY WOUNDS, AND USES THEREOF**
[54] **FORMULES TOPIQUES ET INSTILLATS, TROUSSES ET METHODES DE TRAITEMENT DE PLAIES TEGUMENTAIRES, ET UTILISATIONS ASSOCIEES**
[72] MAIDA, VINCENZO, CA
[71] MAIDA, VINCENZO, CA
[22] 2018-12-28
[41] 2019-10-04
[30] US (62/652,650) 2018-04-04

[21] **3,031,118**
[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) H04W 28/26 (2009.01) G06Q 40/02 (2012.01) H04B 5/00 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ALLOCATING SHARED RESOURCES**
[54] **MECANISMES ET METHODES D'ATTRIBUTION DE RESSOURCES PARTAGEES**
[72] HARPER, GREGORY RICHARD, CA
[72] HORVATH, PETER, CA
[72] CARR, AUDREY MADELEINE, CA
[72] ALVES, ALINE DA ROSA, CA
[72] LI, VANESSA, CA
[72] ALLEN, LAWRENCE ANTHONY, CA
[72] LAM, KIMBERLY ELIZABETH, CA
[72] SHEN, MIN, CA
[72] THOMAS, RICHARD, CA
[72] MENDOZA, MELANIE JUDITH, CA
[72] ALLEN, TRICIA ELIZABETH, CA
[72] ANTONUCCI. ALEXANDRA, CA
[72] MOGHAIZEL, JOE, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2019-01-23
[41] 2019-09-29
[30] US (62/649,896) 2018-03-29

[21] **3,031,290**
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[51] **Int.Cl. A43B 3/02 (2006.01) B29D 35/06 (2010.01) A43B 7/12 (2006.01) A43B 13/04 (2006.01) A43B 23/02 (2006.01)**
[25] EN
[54] **FOOTWEAR ASSEMBLY HAVING A VULCANIZED RUBBER LAYER AND POLYURETHANE LAYER**
[54] **ASSEMBLAGE DE CHAUSSURE AYANT UNE COUCHE DE CAOUTCHOUC VULCANISE ET UNE COUCHE DE POLYURETHACE**
[72] LUDEMANN, JOHN W., US
[72] LEDBETTER, CHRISTOPHER WAYNE, US
[72] BECK, MATT, US
[71] LACROSSE FOOTWEAR, INC., US
[22] 2019-01-22
[41] 2019-09-29
[30] US (15/940619) 2018-03-29

[21] **3,032,725**
[13] A1
[51] **Int.Cl. F02C 7/052 (2006.01) F02C 7/05 (2006.01)**
[25] EN
[54] **ADAPTIVE-AREA INERTIAL PARTICLE SEPARATORS**
[54] **SEPARATEURS DE PARTICULES INERTIELS A ZONE ADAPTATIVE**
[72] SMITH, CRAWFORD F., III, US
[72] LERG, BRYAN H., US
[72] PESYNA, KENNETH M., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2019-02-05
[41] 2019-09-29
[30] US (62/649825) 2018-03-29
[30] US (16/020251) 2018-06-27

[21] **3,033,037**
[13] A1
[51] **Int.Cl. F41B 5/10 (2006.01) F16H 55/36 (2006.01)**
[25] EN
[54] **ADJUSTABLE PULLEY ASSEMBLY FOR A COMPOUND ARCHERY BOW**
[54] **ENSEMBLE DE POULIE REGLABLE DESTINE A UN ARC COMPOSE**
[72] RINKER, DYLAN G., US
[72] SMITH, JACK B., US
[71] BOWTECH, INC., US
[22] 2019-02-06
[41] 2019-09-29
[30] US (15/940,946) 2018-03-29

[21] **3,034,162**
[13] A1
[51] **Int.Cl. A61K 9/51 (2006.01) A61K 31/12 (2006.01) A61K 47/34 (2017.01) A61P 3/00 (2006.01)**
[25] EN
[54] **ENDOPLASMIC RETICULUM-TARGETING NANOVEHICLES AND METHODS FOR USE THEREOF**
[54] **NANOVEHICULES CIBLANT LE RETICULUM ENDOPLASMIQUE ET METHODES D'UTILISATION ASSOCIEES**
[72] SHIEH, CHI-CHANG, CN
[72] YEN, CHIA-LIANG, CN
[72] JIANG, SI-TSE, CN
[72] SHIEH, DAR-BIN, CN
[71] NATIONAL CHENG KUNG UNIVERSITY, TW
[22] 2019-02-19
[41] 2019-10-04
[30] US (62/652,502) 2018-04-04

[21] **3,034,714**
[13] A1
[51] **Int.Cl. H01S 3/07 (2006.01) H01S 3/03 (2006.01) H01S 3/038 (2006.01) H01S 3/08 (2006.01)**
[25] EN
[54] **FOLDED SLAB LASER**
[54] **LASER A PLAQUE PLIE**
[72] JACKSON, PAUL E., US
[72] KERN, GERALD L., US
[72] COLBY, JACOB D., US
[72] KERN, AARON M., US
[72] SCHMIDT, TYLER P., US
[72] WEIHER, KEITH L., US
[71] KERN TECHNOLOGIES, LLC, US
[22] 2019-02-22
[41] 2019-10-04
[30] EP (18165802) 2018-04-04

[21] **3,034,733**
[13] A1
[51] **Int.Cl. B23K 35/24 (2006.01) B23K 31/02 (2006.01)**
[25] EN
[54] **WELDED TITANIUM STRUCTURE UTILIZING DISSIMILAR TITANIUM ALLOY FILLER METAL FOR ENHANCED FATIGUE LIFE**
[54] **STRUCTURE EN TITANE SOUDEE EMPLOYANT UN METAL DE REMPLISSAGE DE TITANE DISSIMILAIRE DESTINE A AMELIORER LA RESISTANCE A LA FATIGUE**
[72] PARRISH, CATHERINE J., US
[72] BRIGGS, ROBERT D., US
[72] COLEMAN, GARY W., US
[72] BULDHAUPT, FREDERICK W., US
[71] THE BOEING COMPANY, US
[22] 2019-02-21
[41] 2019-10-04
[30] US (15/945337) 2018-04-04

[21] **3,034,913**
[13] A1
[51] **Int.Cl. G09B 19/00 (2006.01)**
[25] EN
[54] **COMPLIANCE SYSTEM FOR USE WITH JANITORIAL AND CLEANING PRODUCTS**
[54] **SYSTEME DE CONFORMITE DESTINE A DES PRODUITS D'ENTRETIEN ET DE NETTOYAGE**
[72] SCHENIK, MATTHEW JON, US
[72] SCOONOVER, PAUL, US
[72] DEHART, STACEY, US
[72] PERRIGUEY, MARK, US
[72] MORRELL, BROOKNEY, US
[72] FAGAN, MELISSA, US
[72] SHROPSHIRE, DEREK, US
[72] SMITH, KIRA CHELSEY, US
[72] KOOIJMAN, JORDAN, US
[71] MIDLAB, INC., US
[22] 2019-02-26
[41] 2019-09-29
[30] US (16/256,585) 2019-01-24
[30] US (62/649,726) 2018-03-29

[21] **3,035,264**
[13] A1
[51] **Int.Cl. B64C 3/50 (2006.01) B64F 5/10 (2017.01) B64C 9/02 (2006.01)**
[25] EN
[54] **WING FLAP WITH TORQUE MEMBER AND METHOD FOR FORMING THEREOF**
[54] **VOLET HYPERSUSTENTATEUR DOTE D'UN MEMBRE DE COUPLE ET METHODE DE FORMATION ASSOCIEE**
[72] KORDEL, JAN A., US
[72] BALZER, MICHAEL A., US
[72] BLEAZARD, MARK M., US
[72] VIRNIG, JACOB D., US
[72] CHOY, WENDELL C. K., US
[72] SANTINI, GREGORY M., US
[71] THE BOEING COMPANY, US
[22] 2019-02-27
[41] 2019-09-30
[30] US (15/941,378) 2018-03-30
[30] US (15/975,903) 2018-05-10

[21] **3,035,269**
[13] A1
[51] **Int.Cl. B64C 3/50 (2006.01) B64F 5/10 (2017.01) B64C 9/02 (2006.01)**
[25] EN
[54] **WING FLAP WITH TORQUE MEMBER AND METHOD FOR FORMING THEREOF**
[54] **VOLET HYPERSUSTENTATEUR DOTE D'UN MEMBRE DE COUPLE ET METHODE DE FORMATION ASSOCIEE**
[72] BALZER, MICHAEL A., US
[72] BLEAZARD, MARK M., US
[72] CHOY, WENDELL C. K., US
[72] KORDEL, JAN A., US
[72] SANTINI, GREGORY M., US
[72] VIRNIG, JACOB D., US
[71] THE BOEING COMPANY, US
[22] 2019-02-27
[41] 2019-09-30
[30] US (15/941320) 2018-03-30

[21] **3,035,899**
[13] A1
[51] **Int.Cl. E21B 31/113 (2006.01)**
[25] EN
[54] **HYDRAULIC DRILLING JAR WITH HYDRAULIC LOCK PISTON**
[54] **COULISSE HYDRAULIQUE COMPORTANT UN PISTON DE BLOCAGE HYDRAULIQUE**
[72] WILSON, TIMOTHY, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2019-03-06
[41] 2019-10-03
[30] US (15/944,147) 2018-04-03

[21] **3,036,043**
[13] A1
[51] **Int.Cl. B64C 1/12 (2006.01) B64F 5/10 (2017.01)**
[25] EN
[54] **IMPROVED JOINT FOR A METAL AIRPLANE SKIN USING METAL MATRIX COMPOSITE**
[54] **JOINT AMELIORE DESTINE A UN REVETEMENT D'AERONEF METALLIQUE EMPLOYANT UNE MATRICE MIXTE METALLIQUE**
[72] NORDMAN, PAUL S., US
[71] THE BOEING COMPANY, US
[22] 2019-03-05
[41] 2019-10-05
[30] US (15/945,871) 2018-04-05

[21] **3,036,455**
[13] A1
[51] **Int.Cl. B64D 25/00 (2006.01) A62C 3/08 (2006.01) A62C 35/02 (2006.01) B64D 13/00 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **HELIUM BASED EMERGENCY POWER AND FIRE SUPPRESSION SYSTEM**
[54] **ALIMENTATION D'URGENCE A L'HELIUM ET SYSTEME D'EXTINCTION INCENDIE**
[72] HIMMELMANN, RICHARD A., US
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2019-03-11
[41] 2019-10-03
[30] US (15/944,554) 2018-04-03

[21] **3,036,528**
[13] A1
[51] **Int.Cl. A01B 23/06 (2006.01) A01B 15/16 (2006.01) A01B 21/08 (2006.01) A01B 33/08 (2006.01) B23P 15/28 (2006.01)**
[25] EN
[54] **DISK BLADE WITH SHARPENED EDGE AND RELIEF PORTION AND METHOD OF MANUFACTURING THE SAME**
[54] **LAME DE DISQUE A BORD AFFUTE ET PORTION DE DEGAGEMENT ET METHODE DE FABRICATION ASSOCIEE**
[72] RUCKLE, JARROD R., US
[72] BECKER, SHAWN J., US
[72] STEINLAGE, DAVID L., US
[71] DEERE & COMPANY, US
[22] 2019-03-13
[41] 2019-10-05
[30] US (15/945,837) 2018-04-05

[21] **3,036,603**
[13] A1
[51] **Int.Cl. F25B 49/02 (2006.01) F25B 9/00 (2006.01) F25B 40/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2019-03-13
[41] 2019-10-03
[30] US (15/944,142) 2018-04-03

[21] **3,037,019**
[13] A1
[51] **Int.Cl. B01F 15/00 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **SAFETY ACCESS SYSTEM FOR FLOAT ASSEMBLIES**
[54] **SYSTEME D'ACCES DE SECURITE D'ASSEMBLAGES DE FLOTTEUR**
[72] KNIGHT, JAMES A., US
[72] DECKER, WILLIAM G., US
[71] AQUA-AEROBIC SYSTEMS, INC., US
[22] 2019-03-18
[41] 2019-09-29
[30] US (15/939,866) 2018-03-29

[21] **3,037,178**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **ACCESSING A FINANCIAL SERVICE USING A MEDIA DEVICE**
[54] **ACCES A UN SERVICE FINANCIER AU MOYEN D'UN DISPOSITIF MEDIA**
[72] MOSSOBA, MICHAEL, US
[72] ROTHBAUM, MARK, US
[72] CUNNINGHAM, SARAH J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-03-19
[41] 2019-10-02
[30] US (15/943224) 2018-04-02

[21] **3,037,289**
[13] A1
[51] **Int.Cl. A63C 19/10 (2006.01) E01C 13/10 (2006.01) E04H 17/18 (2006.01)**
[25] EN
[54] **IMPROVED MODULAR BARRIER SYSTEM**
[54] **SYSTEME DE BARRIERE MODULAIRE AMELIORE**
[72] KURTIN, STEPHEN, US
[72] WINSLOW, SCOTT, US
[72] PACKARD, BRIAN, US
[71] LANE RESEARCH, US
[22] 2019-03-20
[41] 2019-09-30
[30] US (62651145) 2018-03-31
[30] US (62656854) 2018-04-12
[30] US (16352702) 2019-03-13

[21] **3,037,393**
[13] A1
[51] **Int.Cl. B23K 20/12 (2006.01) B23K 20/26 (2006.01)**
[25] EN
[54] **WELDING HEAD FOR FRICTION STIR WELDING**
[54] **TETE DE SOUDAGE DESTINEE AU SOUDAGE PAR FRICTION-MALAXAGE**
[72] LANDMARK, AKE, SE
[71] ESAB AB, SE
[22] 2019-03-20
[41] 2019-09-30
[30] US (15/941,092) 2018-03-30

[21] **3,037,516**
[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01) F16L 37/098 (2006.01) F16L 47/26 (2006.01)**
[25] EN
[54] **FAUCET WITH HOSE CONNECTION**
[54] **ROBINET AYANT UNE CONNEXION DE TUYAU**
[72] MACSAY, STEVEN M., US
[71] MOEN INCORPORATED, US
[22] 2019-03-21
[41] 2019-09-30
[30] US (15/941,270) 2018-03-30

[21] **3,037,532**
[13] A1
[51] **Int.Cl. A01D 34/54 (2006.01) A01D 41/12 (2006.01)**
[25] EN
[54] **HEIGHT CONTROL SYSTEM FOR A HARVERSTING ATTACHMENT**
[54] **SYSTEME DE CONTROLE DE HAUTEUR DESTINE A UN ACCESSOIRE DE RECOLTE**
[72] FUCHTLING, CHRISTIAN, DE
[72] WIELENBERG, ANDREAS, DE
[72] BESCHORN, UDO, DE
[72] HINZ, THOMAS, DE
[71] CLAAS SELBSTFAHRENDE ERNTEMASCHINEN GMBH, DE
[22] 2019-03-21
[41] 2019-10-03
[30] DE (10 2018 107 804.8) 2018-04-03

[21] **3,037,634**
[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) G06T 15/06 (2011.01) G16H 30/00 (2018.01) A61B 1/233 (2006.01)**
[25] EN
[54] **STATIC VIRTUAL CAMERA POSITIONING**
[54] **POSITIONNEMENT DE CAMERA VIRTUELLE STATIQUE**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-03-22
[41] 2019-09-29
[30] US (15/940,593) 2018-03-29

[21] **3,037,733**
[13] A1
[51] **Int.Cl. H04W 74/04 (2009.01) H04W 56/00 (2009.01) H04W 76/14 (2018.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ESTABLISHING A CONNECTION BETWEEN NODES OF A WIRELESS NETWORK**
[54] **APPAREIL ET METHODE D'ETABLISSEMENT D'UNE CONNEXION ENTRE LES NOEUDS D'UN RESEAU SANS FIL**
[72] MONTEMURRO, MICHAEL PETER, CA
[72] ARZELIER, CLAUDE JEAN-FREDERIC, FR
[71] BLACKBERRY LIMITED, CA
[22] 2019-03-21
[41] 2019-09-29
[30] US (15/940,291) 2018-03-29
[30] EP (18305365.1) 2018-03-29

[21] **3,037,734**
[13] A1
[51] **Int.Cl. B64D 25/00 (2006.01) A62C 3/08 (2006.01) A62C 35/02 (2006.01) B64D 13/00 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **UTILIZATION OF ENGINE BLEED AIR TO PROVIDE EXTENDED DURATION EMERGENCY AIRCRAFT POWER**
[54] **UTILISATION D'AIR DE PRELEVEMENT REACTEUR POUR FOURNIR A UN AERONEF UNE PUISSANCE D'URGENCE A DUREE PROLONGEE**
[72] HIMMELMANN, RICHARD A., US
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2019-03-21
[41] 2019-10-03
[30] US (15/944,529) 2018-04-03

[21] **3,037,739**
[13] A1
[51] **Int.Cl. G01N 21/88 (2006.01) B64F 5/60 (2017.01)**
[25] EN
[54] **METHODS FOR THERMOGRAPHIC INSPECTION OF STRUCTURES**
[54] **METHODES D'INSPECTION THERMOGRAPHIQUE DE STRUCTURES**
[72] GEORGESON, GARY E., US
[72] THOMPSON, JEFFREY G., US
[71] THE BOEING COMPANY, US
[22] 2019-03-22
[41] 2019-10-03
[30] US (15/944353) 2018-04-03

[21] **3,037,742**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 3/02 (2006.01) E21B 7/20 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **NONSTOP TRANSITION FROM ROTARY DRILLING TO SLIDE DRILLING**
[54] **TRANSITION SANS ARRET DE FORAGE ROTATIF A FORAGE PAR GLISSEMENT**
[72] GILLAN, COLIN, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2019-03-22
[41] 2019-09-29
[30] US (15/939927) 2018-03-29

[21] **3,037,769**
[13] A1
[51] **Int.Cl. F21S 41/19 (2018.01) F21S 45/10 (2018.01) B66F 9/075 (2006.01)**
[25] EN
[54] **INDUSTRIAL VEHICLE AND HEADLIGHT**
[54] **VEHICULE INDUSTRIEL ET PHARE**
[72] YOSHIOKA, MASAHIRO, JP
[72] ITO, SEIYA, JP
[71] MITSUBISHI LOGISNEXT CO., LTD., JP
[22] 2019-03-25
[41] 2019-09-30
[30] JP (2018-066700) 2018-03-30

[21] **3,037,887**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/00 (2016.01) G06T 7/10 (2017.01) G16H 30/00 (2018.01) G06T 17/00 (2006.01)**
[25] EN
[54] **LOCATING AN OPENING OF A BODY CAVITY**
[54] **POSITIONNEMENT D'UNE OUVERTURE D'UNE CAVITE DE CORPS**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2019-03-25
[41] 2019-09-29
[30] US (15/940,613) 2018-03-29

[21] **3,037,891**
[13] A1
[51] **Int.Cl. F24F 11/62 (2018.01) F24F 3/14 (2006.01)**
[25] EN
[54] **DEHUMIDIFICATION TECHNIQUE FOR HEATING VENTILATION AND AIR CONDITIONING SYSTEMS**
[54] **TECHNIQUE DE DESHUMIDIFICATION SERVANT AUX SYSTEMES DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR**
[72] BRAHME, ROHINI, US
[72] GOKHALE, UMESH, US
[72] PHILLIPS, DEREK, US
[71] LENNOX INDUSTRIES INC., US
[22] 2019-03-25
[41] 2019-09-29
[30] US (15/939,439) 2018-03-29

[21] **3,037,920**
[13] A1
[51] **Int.Cl. B65D 47/08 (2006.01) B65D 43/08 (2006.01)**
[25] EN
[54] **MULTI-FUNCTION CONTAINER LID**
[54] **COUVERCLE DE CONTENANT MULTIFONCTIONNEL**
[72] HARRIS, JOEL S., CA
[71] HARRIS, JOEL S., CA
[22] 2019-03-25
[41] 2019-10-05
[30] US (15/945,771) 2018-04-05

[21] **3,037,923**
[13] A1
[51] **Int.Cl. B64C 13/16 (2006.01) B64C 3/58 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING THE OPERATION OF AN AIRCRAFT**
[54] **SYSTEME ET METHODE D'AMELIORATION DE L'OPERATION D'UN AERONEF**
[72] IAROCCI, NICOLA, CA
[71] BOMBARDIER INC., CA
[22] 2019-03-25
[41] 2019-09-29
[30] US (62/649,875) 2018-03-29

[21] **3,038,007**
[13] A1
[51] **Int.Cl. D21D 1/30 (2006.01)**
[25] EN
[54] **DISPERSER PLATES WITH INTERMESHING TEETH AND OUTER REFINING SECTION**
[54] **PLAQUES DE DISPERSION DOTEES DE DENTS D'INTERMAILLAGE ET D'UNE SECTION DE RAFFINAGE EXTERIEURE**
[72] GINGRAS, LUC, GB
[71] ANDRITZ INC., US
[22] 2019-03-26
[41] 2019-10-03
[30] US (62/651,777) 2018-04-03
[30] US (16/362,070) 2019-03-22

[21] **3,038,014**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/10 (2006.01)**
[25] EN
[54] **STERILE FLEXIBLE PACKAGE WITH PRESSURE COMPENSATOR FOR THE DOSED RECONSTITUTION OF FLUID MEDICINAL OR NUTRITIONAL SUBSTANCES TO BE ADMINISTERED TO PATIENTS BY INFUSION OR INJECTION**
[54] **EMBALLAGE SOUPLE STERILE DOTE D'UN COMPENSATEUR DE PRESSION POUR LA RECONSTITUTION DOSEE DE SUBSTANCES NUTRITIONNELLES OU MEDICINALES FLUIDES A ADMINISTRER AUX PATIENTS PAR PERFUSION OU INJECTION**
[72] GOBBI FRATTINI, PAOLO GIUSEPPE, IT
[71] ADIENNE PHARMA & BIOTECH SA, CH
[22] 2019-03-26
[41] 2019-09-30
[30] IT (102018000004116) 2018-03-30

[21] **3,038,018**
[13] A1
[51] **Int.Cl. G06F 16/903 (2019.01) G06F 12/0802 (2016.01) G06N 20/00 (2019.01)**
[25] EN
[54] **PERFORMING CACHE UPDATE ADAPTATION**
[54] **EXECUTION D'ADAPTATION DE MISE A JOUR DE CACHE**
[72] CANIS, LAURE, FR
[72] BERTRAND, JEROME, FR
[72] HERER, MAREK, FR
[72] RONDEPIERRE, THOMAS, FR
[72] MURTADAK, DIVENDAR UMESH, FR
[72] PASQUIER-MEUNIER, NICOLAS, FR
[72] MORETTI, REMI, FR
[72] SAUCH, FRANCIS, FR
[71] AMADEUS S.A.S., FR
[22] 2019-03-26
[41] 2019-10-03
[30] FR (18,52865) 2018-04-03
[30] US (15/944657) 2018-04-03

[21] **3,038,094**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **TAXI DISPATCH CONTROL SYSTEM AND METHOD FOR TAXI DISPATCHING**
[54] **SYSTEME DE CONTROLE DE REPARTITION DE TAXIS ET METHODE DE REPARTITION DE TAXIS**
[72] NAKAMURA, KAZUTO, JP
[71] NAKAMURA, KAZUTO, JP
[22] 2019-03-26
[41] 2019-09-29
[30] JP (2018-064537) 2018-03-29

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[21] **3,038,140**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01)**
[25] EN
[54] **USER RECOGNITION BASED USER EXPERIENCE PLATFORM**
[54] **RECONNAISSANCE D'UTILISATEUR FONDEE SUR UNE PLATEFORME D'EXPERIENCE D'UTILISATEUR**
[72] BABAO, POLERIO, US
[72] CHERCO, NATALIE, US
[72] KANTOROWICZ, KAYNE, US
[72] GARCIA, CHRISTINA, US
[72] GLINIEWICZ, STEVEN, US
[72] CHAKRABORTY, ARINDAM, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2019-03-27
[41] 2019-10-04
[30] US (15/945406) 2018-04-04

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[21] **3,038,145**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02J 1/00 (2006.01) H03K 17/687 (2006.01)**
[25] EN
[54] **POWER MANAGEMENT INTEGRATED CIRCUIT**
[54] **CIRCUIT INTEGRE DE GESTION D'ALIMENTATION**
[72] SABY, JEROME, CH
[72] CONTALDO, MATTEO, CH
[72] THEODULOZ, YVES, CH
[71] EM MICROELECTRONIC-MARIN SA, CH
[22] 2019-03-26
[41] 2019-10-04
[30] EP (18165651.3) 2018-04-04

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[21] **3,038,154**
[13] A1
[51] **Int.Cl. B62D 63/06 (2006.01) B60P 3/06 (2006.01) B60P 3/42 (2006.01)**
[25] EN
[54] **TOY HAULER TRAILER DETACHABLY ATTACHED AT VEHICLE**
[54] **REMORQUE DE VEHICULE RECREATIF UTILITAIRE SPORT ATTACHEE DE MANIERE AMOVIBLE A UN VEHICULE**
[72] HOP, DEAN, US
[71] HOP FAMILY INVESTMENTS LLC, US
[22] 2019-03-27
[41] 2019-10-04
[30] US (62/652,474) 2018-04-04

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[21] **3,038,162**
[13] A1
[51] **Int.Cl. A01B 63/00 (2006.01) A01B 73/00 (2006.01) A01C 7/00 (2006.01) A01C 7/20 (2006.01)**
[25] FR
[54] **UNIT FOR BURYING AN AGRICULTURAL PRODUCT, AND AGRICULTURAL MACHINE COMPRISING SUCH A UNIT**
[54] **UNITE D'ENFOUISSEMENT DE PRODUIT AGRICOLE ET MACHINE AGRICOLE COMPORTANT UNE TELLE UNITE**
[72] ANDRES, CHRISTOPHE, FR
[71] KUHN S.A., FR
[22] 2019-03-25
[41] 2019-10-03
[30] FR (18 52896) 2018-04-03

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[21] **3,038,199**
[13] A1
[51] **Int.Cl. G06F 16/903 (2019.01) G06F 12/0802 (2016.01) G06F 12/0866 (2016.01) G06F 12/0891 (2016.01)**
[25] EN
[54] **UPDATING CACHE DATA**
[54] **MISE A JOUR DE DONNEES DE CACHE**
[72] CANIS, LAURE, FR
[72] MUGUERZA, SARAH, FR
[72] ALONSO, VICTOR, FR
[72] PRADIN, CELINE, FR
[72] MENARD, ANTOINE, FR
[72] REY, JEAN-BAPTISTE, FR
[72] CLAUDE, GEOFFREY, FR
[71] AMADEUS S.A.S., FR
[22] 2019-03-27
[41] 2019-10-03
[30] FR (1852866) 2018-04-03
[30] US (15/944572) 2018-04-03

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[21] **3,038,264**
[13] A1
[51] **Int.Cl. E04D 1/28 (2006.01) E04D 1/00 (2006.01) E04D 1/12 (2006.01)**
[25] EN
[54] **REDUCED WEIGHT, MULTI-LAYER ROOFING SHINGLES AND METHODS FOR INSTALLING THEM**
[54] **BARDEAUX DE TOITURE MULTICOUCHES, DE POIDS REDUIT, ET METHODE D'INSTALLATION DESDITS BARDEAUX**
[72] TANG, XIAOFENG, US
[72] JENKINS, ROBERT L., US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-28
[41] 2019-09-30
[30] US (62/651,107) 2018-03-31

[21] **3,038,267**
[13] A1
[51] **Int.Cl. E04D 1/22 (2006.01) E04D 7/00 (2006.01)**
[25] EN
[54] **COLORED SOLAR-REFLECTIVE ROOFING GRANULES, ROOFING PRODUCTS INCLUDING THEM, AND METHODS FOR MAKING THEM**
[54] **GRANULES DE TOITURE COLOREES REFLECHISSANT LE SOLEIL, PRODUITS DE TOITURE LES INCLUANT, ET METHODES DE FABRICATION ASSOCIEES**
[72] PENG, XIAOFENG, CN
[72] DINOIA, TODD P., US
[72] KWON, OH-HUN, US
[72] FAMILIA, AZIZ MAHFOUD, US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-28
[41] 2019-09-30
[30] US (62/651,108) 2018-03-31

[21] **3,038,270**
[13] A1
[51] **Int.Cl. B65D 71/40 (2006.01) A45F 5/00 (2006.01)**
[25] EN
[54] **ARTICLE CARRIER AND BLANK THEREFOR**
[54] **SUPPORT D'ARTICLE ET MOULE ASSOCIE**
[72] ZACHERLE, MATTHEW E., US
[72] PEELER, ANDREW T., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[22] 2019-03-28
[41] 2019-09-30
[30] US (62/650,621) 2018-03-30

[21] **3,038,311**
[13] A1
[51] **Int.Cl. B64C 25/36 (2006.01) B64C 25/40 (2006.01) B64C 25/42 (2006.01)**
[25] FR
[54] **LANDING GEAR FOR AN AIRCRAFT WITH A BOGIE INCLUDING WHEELS WITH BRAKES AND AT LEAST ONE MOTORIZED WHEEL**
[54] **ATTERRISSEUR D'AERONEF A BOGIE PORTANT DES ROUES FREINEES ET AU MOINS UNE ROUE MOTORISEE**
[72] DEVILLERS, CHRISTOPHE, FR
[72] RAVEL, JEAN-YVES, FR
[72] GUI, JEROME, FR
[71] SAFRAN LANDING SYSTEMS, FR
[22] 2019-03-27
[41] 2019-09-29
[30] FR (18 52756) 2018-03-29

[21] **3,038,313**
[13] A1
[51] **Int.Cl. A47J 41/00 (2006.01) A47G 19/22 (2006.01) A47G 23/02 (2006.01) A47G 23/04 (2006.01) B65D 25/00 (2006.01) B65D 81/38 (2006.01)**
[25] EN
[54] **INSULATED FOOD AND BEVERAGE CONTAINER**
[54] **CONTENANT DE BOISSON ET D'ALIMENT ISOLE**
[72] HAAS, COLTON BRYAN, US
[71] VINGLACE, LLC, US
[22] 2019-03-28
[41] 2019-10-05
[30] US (62/653,185) 2018-04-05
[30] US (16/100,153) 2018-08-09

[21] **3,038,318**
[13] A1
[51] **Int.Cl. A01D 43/10 (2006.01) A01D 34/44 (2006.01) A01D 34/52 (2006.01) A01D 34/835 (2006.01) A01D 43/08 (2006.01) A01D 82/00 (2006.01) A01G 23/00 (2006.01) A01G 23/06 (2006.01) B02C 18/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE WITH A VEHICLE TO REDUCE PLANT MATERIAL**
[54] **APPAREIL DESTINE A UN VEHICULE SERVANT A REDUIRE LES MATIERES VEGETALES**
[72] DAVIS, DERRICK, US
[71] BANDIT INDUSTRIES, INC., US
[22] 2019-03-27
[41] 2019-10-02
[30] US (62/651.433) 2018-04-02

[21] **3,038,325**
[13] A1
[51] **Int.Cl. B65G 23/22 (2006.01) B65G 23/00 (2006.01)**
[25] EN
[54] **ARTICLE CONVEYING DEVICE**
[54] **DISPOSITIF DE TRANSPORT D'ARTICLE**
[72] TANIMOTO, KAZUHITO, JP
[72] NISHIMURA, TETSUYA, JP
[71] SHIBUYA CORPORATION, JP
[22] 2019-03-28
[41] 2019-09-30
[30] JP (2018-068788) 2018-03-30

[21] **3,038,329**
[13] A1
[51] **Int.Cl. A01K 13/00 (2006.01) A01K 15/00 (2006.01) A01K 29/00 (2006.01) A63H 33/00 (2006.01)**
[25] EN
[54] **DOG TOY ASSEMBLY WITH ELONGATED STICK HAVING TOY ATTACHED ON END AND TOY ATTACHMENTS AND STICK MOUNTS THEREOF**
[54] **ASSEMBLAGE DE JOUET POUR CHIEN COMPORTANT UN BATON ALLONGE AYANT UN JOUET ATTACHE A UNE EXTREMITE ET ACCESSOIRES DE JOUET ET ATTACHES DE BATON ASSOCIEES**
[72] BUSS, JASON R., CA
[72] BUSS, TIMOTHY J., CA
[71] BUSS, JASON R., CA
[71] BUSS, TIMOTHY J., CA
[22] 2019-03-28
[41] 2019-10-04
[30] US (62/652,719) 2018-04-04

[21] **3,038,332**
[13] A1
[51] **Int.Cl. A43B 23/17 (2006.01) A43B 7/16 (2006.01) A43B 7/22 (2006.01) A43B 23/08 (2006.01)**
[25] EN
[54] **ARTICLE OF FOOTWEAR, AND METHOD FOR MANUFACTURING SUCH AN ARTICLE**
[54] **ARTICLE DE CHAUSSURE ET METHODE DE FABRICATION D'UN TEL ARTICLE**
[72] BONGERS, ELROY, NL
[71] HEVEA B.V., NL
[22] 2019-03-28
[41] 2019-09-29
[30] EP (18165213.2) 2018-03-29
[30] EP (18168214.7) 2018-04-19

[21] **3,038,337**
[13] A1
[51] **Int.Cl. B41F 23/00 (2006.01) F21K 9/00 (2016.01) B41F 7/02 (2006.01) F21S 2/00 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LIGHT ILLUMINATING MODULE AND WIRE BOARD FOR LED DEVICE**
[54] **MODULE D'ILLUMINATION DE LUMIERE ET PLAQUE DE FIL DESTINEE A UN DISPOSITIF DEL**
[72] WATANABE, HIROKI, JP
[71] HOYA CANDEO OPTRONICS CORPORATION, JP
[22] 2019-03-27
[41] 2019-09-29
[30] JP (2018-065461) 2018-03-29
[30] JP (2019-011766) 2019-01-28

[21] **3,038,339**
[13] A1
[51] **Int.Cl. B64D 45/00 (2006.01) G06F 1/16 (2006.01) G06F 15/00 (2006.01)**
[25] EN
[54] **REMOVABLE COMPUTER FOR AIRCRAFT**
[54] **ORDINATEUR AMOVIBLE DESTINE A UN AERONEF**
[72] HUYNH, REMI, FR
[71] THALES, FR
[22] 2019-03-28
[41] 2019-09-29
[30] FR (1800262) 2018-03-29

[21] **3,038,341**
[13] A1
[51] **Int.Cl. A01K 15/00 (2006.01) A01K 13/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **WEARABLE ACCESSORIES FOR DOMESTIC AND OTHER ANIMALS INCORPORATING DEVICES UTILIZING ULTRA-LOW FREQUENCY (ULF) NON-VIBRATORY TACTILE STIMULI FOR THEIR TRANQUILIZING PROPERTIES**
[54] **ACCESSOIRES PORTABLES DESTINES A DES ANIMAUX DOMESTIQUES OU AUTRES INCORPORANT DES DISPOSITIFS EMPLOYANT DES STIMULI TACTILES NON VIBRATOIRES ULTRA BASSES FREQUENCES POUR LEURS PROPRIETES TRANQUILISANTES**
[72] SOKOLOFF, MARTIN, US
[72] SUNNEN, GERARD V., US
[71] SOKOLOFF, MARTIN, US
[71] SUNNEN, GERARD V., US
[22] 2019-03-28
[41] 2019-09-30
[30] US (62/761,562) 2018-03-30

[21] **3,038,352**
[13] A1
[51] **Int.Cl. H04L 12/751 (2013.01)**
[25] EN
[54] **NETWORK RESOURCES DISCOVERY SYSTEM**
[54] **SYSTEME DE DECOUVERTE DE RESSOURCES DE RESEAU**
[72] NEIPRIS, EDWARD, US
[72] GAIDO, DANIEL JACK, US
[71] EXPECTATIONS SQUARED, INC., US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,336) 2018-03-30

[21] **3,038,366**
[13] A1
[51] **Int.Cl. H04W 4/24 (2018.01) G06Q 30/04 (2012.01) H04W 88/16 (2009.01) H04L 12/66 (2006.01)**
[25] EN
[54] **MULTIPLE USAGE RATES**
[54] **TARIFS D'UTILISATION MULTIPLES**
[72] TING, DEREK, CA
[71] TEXTNOW, INC., CA
[22] 2019-03-29
[41] 2019-09-29
[30] US (62/649931) 2018-03-29

[21] **3,038,370**
[13] A1
[51] **Int.Cl. H04W 40/02 (2009.01) H04W 24/08 (2009.01) H04W 36/30 (2009.01)**
[25] EN
[54] **INTEGRATED DIALER WITH ELASTIC CALLING**
[54] **COMPOSEUR INTEGRE EQUIPE D'UN MECANISME D'APPEL ELASTIQUE**
[72] MURGA, ARMANDO MAURICIO, CA
[71] TEXTNOW, INC., CA
[22] 2019-03-29
[41] 2019-09-29
[30] US (62/649642) 2018-03-29

[21] **3,038,372**
[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01) H04W 4/50 (2018.01)**
[25] EN
[54] **TELEPHONE NUMBER SELECTION**
[54] **SELECTION D'UN NUMERO DE TELEPHONE**
[72] TING, DEREK, CA
[72] KOVACEVIC, MICHAEL, CA
[72] HALK, JONATHAN DENNIS, CA
[71] TEXTNOW, INC., CA
[22] 2019-03-29
[41] 2019-09-29
[30] US (62/649921) 2018-03-29

[21] **3,038,392**
[13] A1
[51] **Int.Cl. H01Q 15/14 (2006.01) H01Q 1/38 (2006.01) H01Q 13/02 (2006.01) H01Q 13/10 (2006.01) H01Q 15/22 (2006.01) H01Q 21/24 (2006.01)**
[25] EN
[54] **CIRCULARLY POLARISED RADIATING ELEMENT MAKING USE OF A RESONANCE IN A FABRY-PEROT CAVITY**
[54] **ELEMENT RAYONNANT POLARISE DE MANIERE CIRCULAIRE EMPLOYANT LA RESONNANCE DANS UNE CAVITE FABRY-PEROT**
[72] LEGAY, HERVE, FR
[72] GARCIA VIGUERAS, MARIA, FR
[72] CALLEAU, ANTOINE, FR
[72] ETTORRE, MAURO, FR
[71] THALES, FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES, FR
[71] UNIVERSITE DE RENNES 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[22] 2019-03-29
[41] 2019-09-29
[30] FR (1800260) 2018-03-29

[21] **3,038,395**
[13] A1
[51] **Int.Cl. B65D 85/62 (2006.01) B65B 13/02 (2006.01) B65B 25/00 (2006.01)**
[25] EN
[54] **ANGLE PLATE PACKAGE HAVING A SINGLE STRAP**
[54] **CONDITIONNEMENT DE PLAQUE D'ANGLE AYANT UNE SEULE SANGLE**
[72] GUDENBURR, DOUGLAS, US
[72] FETKO, DUANE, US
[71] DUCTMATE INDUSTRIES, INC., US
[22] 2019-03-29
[41] 2019-10-03
[30] US (15/944,548) 2018-04-03

[21] **3,038,411**
[13] A1
[51] **Int.Cl. C02F 1/52 (2006.01) C02F 1/72 (2006.01) C09K 8/528 (2006.01) C09K 8/592 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) E21B 43/24 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **DECOMPLEXATION OF CHELATED HARDNESS AT HIGH PH**
[54] **DECOMPLEXATION DE DURETE CHELATEE A PH ELEVE**
[72] SLATER, PETER NELSON, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2019-03-29
[41] 2019-10-02
[30] US (62/651,671) 2018-04-02

[21] **3,038,413**
[13] A1
[51] **Int.Cl. G09B 19/00 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **TRAINING SYSTEM FOR USE WITH JANITORIAL AND CLEANING PRODUCTS**
[54] **SYSTEME D'ENTRAINEMENT DESTINE A DES PRODUITS D'ENTRETIEN ET DE NETTOYAGE**
[72] SCHENK, MATTHEW JON, US
[72] JOHNSTON, SAM MATTHEW, US
[72] POWERS, STEVEN L., US
[71] MIDLAB, INC., US
[22] 2019-03-29
[41] 2019-09-29
[30] US (16/256,585) 2019-01-24
[30] US (16/354,618) 2019-03-15
[30] US (62/649,726) 2018-03-29

[21] **3,038,421**
[13] A1
[51] **Int.Cl. E04F 13/26 (2006.01) E04F 13/076 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **SIDING PANEL WITH IMPROVED LOCKING MECHANISM AND METHOD OF MANUFACTURE**
[54] **PANNEAU DE PAREMENT DOTE D'UN MECANISME DE VERROUILLAGE AMELIORE ET METHODE DE FABRICATION**
[72] SHAW, ROBERT D., US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/651,099) 2018-03-31

[21] **3,038,424**
[13] A1
[51] **Int.Cl. E04D 1/28 (2006.01) E04D 1/14 (2006.01) E04D 1/36 (2006.01)**
[25] EN
[54] **MULTI-LAYER ROOFING SHINGLES AND METHODS FOR INSTALLING THEM**
[54] **BARDEAUX DE TOITURE MULTICOUCHES, DE POIDS REDUIT, ET METHODE D'INSTALLATION DESDITS BARDEAUX**
[72] NASH, ALEX C., US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/651,096) 2018-03-31

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[21] **3,038,432**
[13] A1
[51] **Int.Cl. C09C 3/00 (2006.01) B32B 5/16 (2006.01) B32B 11/02 (2006.01) C04B 41/52 (2006.01) E04D 3/18 (2006.01) E04D 5/12 (2006.01) E04D 7/00 (2006.01)**
[25] EN
[54] **SOLAR-REFLECTIVE ROOFING GRANULES, ROOFING PRODUCTS INCLUDING THEM, AND METHODS FOR MAKING THEM**
[54] **GRANULES DE TOITURE REFLECHISSANT LE SOLEIL, PRODUITS DE TOITURE LES INCLUANT, ET METHODES DE FABRICATION ASSOCIEES**
[72] GOMES, DAVID, US
[72] PANZARELLA, TRACY H., US
[72] PYTEL, RACHEL Z., US
[72] MCDOWELL, COLLEEN, US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/651,090) 2018-03-31

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[21] **3,038,434**
[13] A1
[51] **Int.Cl. G01J 5/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR MEASURING ENERGY LOSS**
[54] **SYSTEME, METHODE ET APPAREIL DE MESURE DE PERTE D'ENERGIE**
[72] ASRANI, MANSOUR, CA
[72] MELATI RAD, PEYVAND, CA
[72] ALAEI, OMID, CA
[71] 757706 ONTARIO INC., CA
[22] 2019-03-29
[41] 2019-09-29
[30] CA (2,999,665) 2018-03-29

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[21] **3,038,435**
[13] A1
[51] **Int.Cl. E04F 13/07 (2006.01)**
[25] EN
[54] **SINGLE COURSE EXTERIOR CLADDING PANEL**
[54] **PANNEAU DE PAREMENT EXTERIEUR EN UN SEUL MORCEAU**
[72] STEFFES, STEPHEN W., US
[72] KIRN, BRIAN W., US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,337) 2018-03-30

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[21] **3,038,440**
[13] A1
[51] **Int.Cl. E04F 13/09 (2006.01) B21D 47/00 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **FRAME FOR A WALL PANEL, WALL PANEL, AND METHOD OF MANUFACTURE**
[54] **STRUCTURE DE PANNEAU MURAL, PANNEAU MURAL ET METHODE DE FABRICATION**
[72] SMITH, JAMES M., US
[72] COLYN, CHRISTOPHER MICHAEL, US
[72] STUCKY, DAVID J., US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,383) 2018-03-30

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[21] **3,038,444**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/33 (2013.01) G06F 21/41 (2013.01) H04L 9/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD FOR SSO SERVICE USING PKI BASED ON BLOCKCHAIN NETWORKS, AND DEVICE AND SERVER USING THE SAME**
[54] **METHODE DE SERVICE SSO AU MOYEN D'INFRASTRUCTURE DE CLE PUBLIQUE (PKI) FONDEE SUR DES RESEAUX DE CHAINES DE BLOCS, ET DISPOSITIF ET SERVEUR EMPLOYANT LADITE METHODE**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SUH, MOON GJU, KR
[71] COINPLUG, INC., KR
[22] 2019-03-29
[41] 2019-09-30
[30] KR (10-2018-0037113) 2018-03-30

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[13] A1
[51] **Int.Cl. A01M 1/10 (2006.01) A01M 29/32 (2011.01) A01G 13/10 (2006.01)**
[25] EN
[54] **PILLAR DEVICE FOR ADHESIVE INSECT CAPTURE WITH BIRD GUARDS**
[54] **DISPOSITIF DE PILIER SERVANT A LA CAPTURE D'INSECTES SUR ADHESIF COMPORTANT DES DISPOSITIFS DE PROTECTION DES OISEAUX**
[72] ZHANG, QING-HE, US
[72] CHAPIN, MARC, US
[72] SCHNEIDMILLER, RODNEY G., US
[71] STERLING INTERNATIONAL INC., US
[22] 2019-03-29
[41] 2019-10-02
[30] US (15/943,649) 2018-04-02

[21] **3,038,450**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/33 (2013.01) G06F 21/41 (2013.01) H04L 9/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD FOR OAUTH SERVICE THROUGH BLOCKCHAIN NETWORK, AND DEVICE AND SERVER USING THE SAME**
[54] **METHODE DE SERVICE OAUTH AU MOYEN D'UN RESEAU DE CHAINES DE BLOCS, ET DISPOSITIF ET SERVEUR EMPLOYANT LADITE METHODE**
[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SUH, MOON GJU, KR
[71] COINPLUG, INC., KR
[22] 2019-03-29
[41] 2019-09-30
[30] KR (10-2018-0037131) 2018-03-30

[21] **3,038,459**
[13] A1
[51] **Int.Cl. E04F 13/072 (2006.01) E04F 13/08 (2006.01) E04F 13/18 (2006.01)**
[25] EN
[54] **EXTERIOR CLADDING PANELS AND METHODS FOR INSTALLING THEM**
[54] **PANNEAUX DE PAREMENT EXTERIEUR ET METHODES D'INSTALLATION ASSOCIEES**
[72] STEFFES, STEPHEN W., US
[72] STUCKY, DAVID J., US
[72] SHAW, ROBERT D., US
[72] KIRN, BRIAN W., US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,328) 2018-03-30

[21] **3,038,460**
[13] A1
[51] **Int.Cl. E04D 1/22 (2006.01) B32B 11/02 (2006.01) B32B 11/12 (2006.01) B32B 37/24 (2006.01)**
[25] EN
[54] **SOLAR-REFLECTIVE ROOFING GRANULES, ROOFING PRODUCTS INCLUDING THEM, AND METHODS FOR MAKING THE GRANULES AND ROOFING PRODUCTS**
[54] **GRANULES DE TOITURE REFLECHISSANT LE SOLEIL, PRODUITS DE TOITURE LES INCLUANT, ET METHODES DE FABRICATION DES GRANULES ET DES PRODUITS DE TOITURE**
[72] PANZARELLA, TRACY H., US
[72] PYTEL, RACHEL Z., US
[72] MAZOYER, SIMON, US
[71] CERTAINTEED CORPORATION, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/651,100) 2018-03-31

[21] **3,038,462**
[13] A1
[51] **Int.Cl. F24F 13/062 (2006.01) B05B 1/06 (2006.01)**
[25] EN
[54] **AIR DIFFUSER AND METHOD FOR ASSEMBLING THE SAME**
[54] **DIFFUSEUR D'AIR ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] MATHIEU, ALEXANDRE, CA
[72] MORIN, TERRY, CA
[71] VENTEC CANADA INC., CA
[22] 2019-03-29
[41] 2019-09-29
[30] US (62/650,172) 2018-03-29

[21] **3,038,493**
[13] A1
[51] **Int.Cl. H04N 21/8545 (2011.01) H04H 60/76 (2009.01) H04N 21/8541 (2011.01) H04N 19/103 (2014.01)**
[25] EN
[54] **NARRATIVE ARC STORY ENGINE**
[54] **MOTEUR D'HISTOIRE A ARC NARRATIF**
[72] FRANCIS, MICHELE, CA
[71] FRANCIS, MICHELE, CA
[22] 2019-03-29
[41] 2019-09-29
[30] US (62/650,100) 2018-03-29

[21] **3,038,496**
[13] A1
[51] **Int.Cl. F21V 15/01 (2006.01) H04W 88/00 (2009.01) F21V 29/83 (2015.01) F21K 9/00 (2016.01) H04W 4/80 (2018.01) F21V 3/00 (2015.01) F21V 15/015 (2006.01) H01Q 1/42 (2006.01)**
[25] EN
[54] **LUMINAIRE**
[54] **LUMINAIRE**
[72] ADAMS, VINCENT, US
[72] SMITH, BRENT JAMES, US
[72] SIEFKER, LUKE JONATHON, US
[71] ABL IP HOLDING LLC, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,366) 2018-03-30

[21] **3,038,497**
[13] A1
[51] **Int.Cl. B66C 23/88 (2006.01) B02C 23/02 (2006.01) B27L 11/00 (2006.01) B66C 23/42 (2006.01) B66C 23/82 (2006.01) B66D 1/40 (2006.01) B66D 1/60 (2006.01)**
[25] EN
[54] **SELF-RAISING WINCH BOOM AND CONTROL SYSTEMS AND METHODS ASSOCIATED THEREWITH**
[54] **TREUIL DE LEVAGE A RELEVEMENT AUTOMATIQUE ET SYSTEMES DE CONTROLE ET METHODES ASSOCIEES**
[72] MAGILL, JOSHUA MARTIN, US
[72] VER MEER, AUSTIN TUNIS, US
[72] GREINER, DAVID ARDEN, US
[72] VOS, MATTHEW STEPHEN, US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2019-03-29
[41] 2019-10-05
[30] US (62/653,059) 2018-04-05
[30] US (16/367,478) 2019-03-28

[21] **3,038,499**
[13] A1
[51] **Int.Cl. F01D 17/16 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **GAS PATH DUCT FOR A GAS TURBINE ENGINE**
[54] **CONDUIT DE CHEMIN DE GAZ DESTINE A UNE TURBINE A GAZ**
[72] BATCH, DAVID, CA
[72] LEUNG, ESTHER, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2019-03-28
[41] 2019-10-03
[30] US (15/944,002) 2018-04-03

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[21] **3,038,553**
[13] A1
[51] **Int.Cl. B60N 2/02 (2006.01) B60N 2/68 (2006.01)**
[25] EN
[54] **DIVING CUSHION FOR A REVERSIBLE SEAT**
[54] **COUSSIN PLONGEANT DE SIEGE REVERSIBLE**
[72] ZHAO, KAI, US
[71] MAGNA SEATING INC., CA
[22] 2019-04-01
[41] 2019-09-30
[30] US (62/650,364) 2018-03-30

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[21] **3,038,560**
[13] A1
[51] **Int.Cl. E01F 8/00 (2006.01) E01B 19/00 (2006.01) E02D 29/02 (2006.01) E04B 1/84 (2006.01)**
[25] EN
[54] **SOUND ABSORBING PANEL AND SYSTEM**
[54] **PANNEAU INSONORISANT ET SYSTEME**
[72] CONNELLY, MAUREEN, CA
[71] CONNELLY, MAUREEN, CA
[22] 2019-03-29
[41] 2019-09-29
[30] US (62/650,226) 2018-03-29

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[21] **3,038,595**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **BEAM FAILURE RECOVERY PROCEDURES USING BANDWIDTH PARTS**
[54] **PROCEDURES DE RECUPERATION DE DEFAILLANCE DE FAISCEAU AU MOYEN DE PARTIES DE LARGEUR DE BANDE**
[72] CIRIK, ALI, US
[72] DINAN, ESMAEL, US
[72] ZHOU, HUA, US
[72] JEON, HYOUNGSUK, US
[72] BABAEI, ALIREZA, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,751) 2018-03-30

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[21] **3,038,605**
[13] A1
[51] **Int.Cl. H04W 28/26 (2009.01) H04W 16/28 (2009.01) H04W 24/04 (2009.01)**
[25] EN
[54] **CONFIGURATION FOR BEAM FAILURE RECOVERY**
[54] **CONFIGURATION DE RECUPERATION DE DEFAILLANCE DE FAISCEAU**
[72] ZHOU, HUA, US
[72] DINAN, ESMAEL, US
[72] CIRIK, ALI, US
[72] BABAEI, ALIREZA, US
[72] JEON, HYOUNGSUK, US
[72] PARK, KYUNGMIN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,725) 2018-03-30

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[21] **3,038,612**
[13] A1
[51] **Int.Cl. B64C 25/10 (2006.01) B64C 25/18 (2006.01)**
[25] EN
[54] **ATTERRISSEUR D'AERONEF A REPLIAGE << PARAPLUIE >>**
[54] **AIRCRAFT LANDING GEAR WITH << UMBRELLA >> RETRACTION**
[72] RAIMBAULT, VINCENT, FR
[72] ANTONI, NICOLAS, FR
[71] SAFRAN LANDING SYSTEMS, FR
[22] 2019-03-29
[41] 2019-10-04
[30] FR (18 52932) 2018-04-04

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[13] A1
[51] **Int.Cl. H04W 8/24 (2009.01) H04W 28/04 (2009.01) H04W 72/02 (2009.01) H04W 4/50 (2018.01) H04L 1/22 (2006.01)**
[25] EN
[54] **WIRELESS COMMUNICATIONS FOR UPLINK PREEMPTION AND DOWNLINK PREEMPTION**
[54] **COMMUNICATIONS SANS FIL DE COUPURE DE LIAISON ASCENDANTE ET DE COUPURE DE LIAISON DESCENDANTE**
[72] ZHOU, HUA, US
[72] DINAN, ESMAEL, US
[72] CIRIK, ALI, US
[72] BABAEI, ALIREZA, US
[72] JEON, HYOUNGSUK, US
[72] PARK, KYUNGMIN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,712) 2018-03-30

[21] **3,038,622**
[13] A1
[51] **Int.Cl. H01Q 19/28 (2006.01) H01Q 1/38 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **ANTI-JAMMING AND REDUCED INTERFERENCE GLOBAL POSITIONING SYSTEM RECEIVER METHODS AND DEVICES**
[54] **METHODES ET DISPOSITIFS DE RECEPTEUR DE SYSTEME DE POSITIONNEMENT MONDIAL ANTIBROUILLAGE A INTERFERENCE REDUITE**
[72] PANTHER, GYLES, CA
[72] HAUTCOEUR, JULIEN, CA
[71] TALLYSMANN WIRELESS INC., CA
[22] 2019-04-01
[41] 2019-09-30
[30] US (62/650,535) 2018-03-30

[21] **3,038,634**
[13] A1
[51] **Int.Cl. H04W 52/10 (2009.01) H04W 72/10 (2009.01)**
[25] EN
[54] **POWER CONTROL FOR WIRELESS COMMUNICATIONS ASSOCIATED WITH PREEMPTED RESOURCES**
[54] **CONTROLE DE PUISSANCE DES COMMUNICATIONS SANS FIL ASSOCIEES A DES RESSOURCES COUPEES**
[72] ZHOU, HUA, US
[72] DINAN, ESMAEL, US
[72] CIRIK, ALI, US
[72] BABAEI, ALIREZA, US
[72] JEON, HYOUNGSUK, US
[72] PARK, KYUNGMIN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2019-03-29
[41] 2019-09-30
[30] US (62/650,874) 2018-03-30

[21] **3,038,663**
[13] A1
[51] **Int.Cl. B60D 1/58 (2006.01) B60W 40/13 (2012.01)**
[25] EN
[54] **LOAD SENSING PIN BOX**
[54] **BOITE A GOUPILLE DETECTANT LA CHARGE**
[72] HEITZMANN, DAVID E., US
[71] MORRYDE INTERNATIONAL, INC., US
[22] 2019-04-02
[41] 2019-10-02
[30] US (62651368) 2018-04-02

[21] **3,038,682**
[13] A1
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[54] **SYSTEME ET METHODE DE TRANSACTIONS CRYPTOGRAPHIQUES MIXTES**
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[72] MUELLER, STEFAN, CA
[72] FIRAT, ATILLA MURAT, CA
[72] PESKETT, MATTHEW THOMAS, CA
[71] ROYAL BANK OF CANADA, CA
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[54] **PORTED COLLAR AND A RESETTABLE ACTIVATING DEVICE FOR USE WITH A DOWNHOLE TUBULAR**
[54] **COLLIER SUPPORTE ET UN DISPOSITIF D'ACTIVATION REINITIABLE DESTINE A UN TUBAGE DE FOND DE TROU**
[72] BIEDERMANN, RANDAL B., CA
[71] TIER 1 ENERGY SOLUTIONS INC., CA
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[54] **PIXMAP FORMS SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE FORMES DE TABLE DE PIXELS**
[72] WILSON, ERIC C., AU
[72] WILSON, DANIEL L., AU
[71] DOCBLASTER PTY LTD, AU
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[54] **ACTIVE ARM PASSIVE LEG EXERCISE MACHINE WITH GUIDED LEG MOVEMENT**
[54] **MACHINE D'EXERCICE PASSIF DES JAMBES ET ACTIF DES BRAS A MOUVEMENT DES JAMBES GUIDE**
[72] DOUGALL, RORY, CA
[72] JANZEN, ERNEST, CA
[72] BORISOFF, JAIMIE, CA
[72] MATTIE, JOHANNE, CA
[71] BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY, CA
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[54] **MODIFICATION DE PIGMENT HYDROPHOBE**
[72] BOHLING, JAMES C., US
[72] KATZ, ALEXANDER, US
[72] MISHRA, MANISH, US
[72] RADKE, CLAYTON J., US
[72] VAN DYK, ANTONY K., US
[71] ROHM AND HAAS COMPANY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHOD FOR APPLYING CURABLE GELLANT COMPOSITION FOR DIGITAL EMBOSSING AND OTHER RAISED PRINT APPLICATIONS**
[54] **METHODE D'APPLICATION D'UNE COMPOSITION GELIFIANTE DURCISSABLE DESTINEE A L'EMBOSSAGE NUMERIQUE ET AUTRES APPLICATIONS D'IMPRESSION EN RELIEF**
[72] BELELIE, JENNIFER L., US
[72] CHRETIEN, MICHELLE N., US
[72] MCCONVILLE, PAUL J., US
[72] O'NEIL, JASON, US
[72] CONDELLO, ANTHONY S., US
[72] KEOSHKERIAN, BARKEV, US
[71] XEROX CORPORATION, US
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[25] EN
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[72] MUELLER, STEFAN, CA
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[54] **ARTICULATED WHEEL FAIRING FOR THE STEER AXLE**
[54] **CARENAGE DE ROUE ARTICULE DESTINE A UN ESSIEU DE DIRECTION**
[72] ANGELO, GERALD J., US
[71] PACCAR INC, US
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[25] EN
[54] **A TRESTLE MAT CONSTRUCTION PANEL CONFIGURED FOR USE WITH BUILDING EQUIPTMENT AND A METHOD OF MANUFACTURE AND/OR USE THEREOF**
[54] **UN PANNEAU DE CONSTRUCTION A TAPIS DE CHEVALET CONFIGURE POUR UNE UTILISATION AVEC UN EQUIPEMENT DE CONSTRUCTION ET UNE METHODE DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] TSIMMERMAN, VALERY, US
[72] LATHAN, KEVIN E., US
[72] AIKATERINIDIS, DIMITRIOS, US
[71] TSIMMERMAN, VALERY, US
[71] LATHAN, KEVIN E., US
[71] AIKATERINIDIS, DIMITRIOS, US
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[54] **METHODS, APPARATUS, AND SYSTEMS FOR AI-ASSISTED OR AUTOMATIC VIDEO PRODUCTION**
[54] **METHODES, APPAREIL ET SYSTEMES DE PRODUCTION DE VIDEO ASSISTEE PAR IA OU AUTOMATIQUE**
[72] SHEN, PAUL, US
[72] BELL, CHRISTOPHER, US
[72] MCEWEN, MATTHEW R., US
[72] CHEN, JUSTIN, US
[71] TVU NETWORKS CORPORATION, US
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[54] **PILIER HELICOIDAL AYANT DES EXTREMITES DE RACCORDEMENT HEXAGONALES EPAISSIES ET METHODE DE FABRICATION**
[72] RONNKVIST, THOMAS M., US
[71] RONNKVIST, THOMAS M., US
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[72] CIRIK, ALI, US
[72] DINAN, ESMAEL, US
[72] ZHOU, HUA, US
[72] JEON, HYOUNGSUK, US
[72] BABAEI, ALIREZA, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **STRUCTURE ANTI-TORSION DESTINEE A UNE REMORQUE A CADRE EN A**
[72] REITNOUER, MILES A., US
[71] REITNOUER, MILES A., US
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[54] **CHAUDIERE A MARGE DE REGLAGE EFFECTIVE ELEVEE ET SYSTEME ET METHODE DE CONTROLE D'UNE CHAUDIERE**
[72] COHEN, KENNETH W,, US
[72] CROTEAU, BLAKE E., US
[71] MESTEK, INC., US
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[54] **SYSTEM AND METHOD FOR PRODUCING A SUGAR STREAM**
[54] **SYSTEME ET METHODE DE PRODUCTION D'UN FLUX DE SUCRE**
[72] JAKEL, NEAL, US
[72] POLLMEIER, ALBERT, US
[71] FLUID QUIP PROCESS TECHNOLOGIES, LLC, US
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[25] EN
[54] **REMOTE CLOUD-BASED VIDEO PRODUCTION SYSTEM IN AN ENVIRONMENT WHERE THERE IS NETWORK DELAY**
[54] **SYSTEME DE PRODUCTION VIDEO FONDE SUR LE NUAGE ELOIGNE DANS UN ENVIRONNEMENT OU IL Y A UN RETARD DE RESEAU**
[72] SHEN, PAUL, US
[71] TVU NETWORKS CORPORATION, US
[22] 2019-04-03
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[54] **PARKING SYSTEM**
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[71] NUSSBAUM PARKING GMBH, DE
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[54] **PROCESS FOR SIMULATING THE QUANTITY AND QUALITY OF HYDROCARBONS IN A SEDIMENTARY BASIN**
[54] **PROCEDE POUR SIMULER LA QUANTITE ET LA QUALITE DES HYDROCARBURES D'UN BASSIN SEDIMENTAIRE**
[72] DUCROS, MATHIEU, FR
[72] TRABY, RENAUD, FR
[71] IFP ENERGIES NOUVELLES, FR
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[51] **Int.Cl. G02B 6/26 (2006.01) G02B 6/36 (2006.01)**
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[54] **GLASS FERRULE COUPLING OF IN-LINE FIBER TAPS AND FIBER CLADDING WAVEGUIDES**
[54] **RACCORDEMENT DE FERULE EN VERRE DE PRISES DE FIBRE EN LIGNE ET GUIDES D'ONDE A GAINAGE DE FIBRE**
[72] SEZERMAN, OMUR, CA
[72] FERNANDES, LUIS ANDRE, CA
[72] BEST, GARLAND, CA
[72] NG, MI LI, CA
[72] BASET, FARHANA, CA
[71] OZ OPTICS LTD., CA
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[30] CA (3,000,169) 2018-04-03

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[51] **Int.Cl. C08J 5/18 (2006.01) B44D 3/00 (2006.01) C08J 3/20 (2006.01) C08J 7/04 (2006.01) C08L 101/12 (2006.01)**
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[54] **ARTICLES DE PROTECTION DE SURFACE ET METHODES**
[72] ARONOFF, ERIC, CA
[71] ARONOFF, ERIC, CA
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[54] **SYSTEMS AND METHODS FOR CONTROLLING A POWER GENERATION UNIT**
[54] **SYSTEME ET METHODE DE COMMANDE D'UNE UNITE DE GENERATION D'ENERGIE**
[72] HAMBURGER, ALEXANDER JOSEPH, CA
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **DISPOSITIF DE PROTECTION DESTINE A DES ELEMENTS D'ASSEMBLAGE DE PORTE**
[72] KENDALL, ADAM, US
[72] JASKIEWICZ, TOMASZ, US
[71] ENDURA PRODUCTS, INC., US
[22] 2019-04-04
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[54] **SYSTEMS AND METHODS FOR RAPID ELECTRON AREA MASKING (REAM) LITHOGRAPHY**
[54] **SYSTEMES ET METHODES DE LITHOGRAPHIE A MASQUAGE RAPIDE DE ZONE D'ELECTRONS**
[72] LEACH, GARY WILLIAM, CA
[72] MACNAB, FINLAY CHARLES HENRY, CA
[71] SIMON FRASER UNIVERSITY, CA
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[54] **UNE TROUSSE DE CONSTRUCTION D'UNE COLONNE EMPILABLE**
[72] OLIVERI, SCOTT S., US
[72] ROHRER, EARL NELSON, US
[72] ZIMMERMAN, DEREK D., US
[71] PLY GEM INDUSTRIES, INC., US
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[54] **DOWNHOLE FLUID PRESSURE PULSE GENERATOR**
[54] **GENERATEUR D'IMPULSION DE PRESSION DE FLUIDE DE FOND DE TROU**
[72] KLETZEL, ROBERT, CA
[71] KLETZEL, ROBERT, CA
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[54] **CATENARY GROUNDING DEVICE FALL RESTRICTION APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE RESTRICTION DE CHUTE D'APPAREIL DE MISE AU SOL CATENAIRE ET METHODE D'UTILISATION**
[72] GENDRE, GUILLAUME, FR
[71] DUBUIS ET CIE S.A.S., FR
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[72] MACIEJCZYK, WIESLAW, AU
[71] BRITAX CHILDCARE PTY LTD., AU
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[54] **SYSTEMES ET METHODES D'EVACUATION D'URGENCE DE BEBE ET DE NOURISSON**
[72] GERVAIS, DOUGLAS DAMASSE, CA
[71] GERVAIS, DOUGLAS DAMASSE, CA
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[54] **BOISSONS COMPORTANT DES TERPENES ET DES CANNABINOIDES**
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[71] LUFT BOTANICALS INC., CA
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[54] **DETECTION D'OBJET FONDEE SUR L'INTENSITE DU LIDAR**
[72] JAIN, SHANTANU, US
[72] YANG, GEHUA, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **ROTATING TISSUE DIGESTOR SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE DIGESTEUR DE TISSUS ROTATIF ET METHODE D'UTILISATION**
[72] MASON, PHILIP JONATHON, BE
[72] MONETTE, JOCELYNE, CA
[71] MASON, PHILIP JONATHON, BE
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[54] **SOUPAPE DE SECURITE POUR PUITS DE PRODUCTION**
[72] FERRARA, PAOLO, IT
[72] DE GRANDIS, GIUSEPPE, IT
[72] BIONDI, ANDREA, IT
[71] ENI S.P.A., IT
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[54] **SUPERCONDENSATEUR ET SA METHODE DE CONSTRUCTION**
[72] RISOVANYY, VLADIMIR DMITRIEVICH, RU
[72] BULYARSKIY, SERGEY VIKTOROVICH, RU
[72] MARKOV, DMITRIY VLADIMIROVICH, RU
[72] SINEL'NIKOV, LEONID PROKOP'EVICH, RU
[72] NIKOLKIN, VIKTOR NIKOLAEVICH, RU
[72] ZLOKAZOV, SERGEY BORISOVICH, RU
[72] DZHANELIDZE, ALEKSANDR ALEKSANDROVICH, RU
[72] SVETUKHIN, VYACHESLAV VIKTOROVICH, RU
[71] JOINT STOCK COMPANY "SCIENCE AND INNOVATIONS", RU
[71] JOINT STOCK COMPANY "INSTITUTE OF NUCLEAR MATERIALS", RU
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[54] **BLOCKCHAIN-BASED SERVICE EXECUTION METHOD AND APPARATUS, AND ELECTRONIC DEVICE**
[54] **METHODE D'EXECUTION DE SERVICE FONDEE SUR LA CHAINE DE BLOC ET APPAREIL,ET DISPOSITIF ELECTRONIQUE**
[72] HU, DANQING, CN
[72] ZHANG, SHAORONG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[30] CN (201810277604.9) 2018-03-30

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[51] **Int.Cl. G06F 7/00 (2006.01) G06F 9/06 (2006.01) G06F 15/00 (2006.01)**
[25] EN
[54] **SCALABLE TRANSFORM PROCESSING UNIT FOR HETEROGENEOUS DATA**
[54] **MODULE DE TRAITEMENT DE TRANSFORME GRADUEL DESTINE A DES DONNEES HETEROGENES**
[72] ST-AMANT, PATRICK, CA
[71] ZETANE SYSTEMS INC., CA
[85] 2019-07-03
[86] 2019-02-27 (PCT/IB2019/051577)
[87] (3048419)
[30] US (62/635,627) 2018-02-27

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ITEM DELIVERY USING ANONYMIZED DELIVERY POINTS**
[54] **SYSTEMES ET METHODES DE LIVRAISON D'ARTICLES EMPLOYANT LES POINTS DE LIVRAISON ANONYMES**
[72] MILLER, NAOMI, US
[72] DIXON, ROBERT E., JR., US
[72] REBLIN, GARY C., US
[71] UNITED STATES POSTAL SERVICE, US
[85] 2019-08-23
[86] 2019-04-02 (PCT/US2019/025434)
[87] (3052935)
[30] US (62/652,728) 2018-04-04
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[51] **Int.Cl. D21F 7/00 (2006.01) D21F 1/32 (2006.01)**
[25] EN
[54] **CANVAS CLEANING DEVICE, CANVAS CLEANING METHOD AND CANVAS CLEANING MECHANISM**
[54] **DISPOSITIF DE NETTOYAGE DE TOILE, METHODE DE NETTOYAGE DE TOILE ET MECANISME DE NETTOYAGE DE TOILE**
[72] SEKIYA, HIROSHI, JP
[72] NAGATSUKA, TOMOHIKO, JP
[72] YUSA, KAZUYUKI, JP
[71] MAINTECH CO., LTD., JP
[85] 2019-08-09
[86] 2019-03-29 (PCT/JP2019/014331)
[87] (3053058)
[30] JP (2018-069867) 2018-03-30

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[51] **Int.Cl. C11D 3/50 (2006.01) A61K 8/11 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **BENEFIT AGENT CONTAINING DELIVERY PARTICLE**
[54] **PARTICULES DE DISTRIBUTION CONTENANT UN AGENT BENEFIQUE**
[72] LEBRON, ARIIEL, US
[72] VANSTEENWINCKEL, PASCALE, US
[72] KENNEALLY, COREY, US
[72] SMETS, JOHAN, US
[72] BOBNOCK, ROBERT, US
[72] SANDS, PEGGY, US
[72] SCHWANTES, TODD, US
[72] HLADILEK, CHAD ALEXANDER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2019-08-23
[86] 2017-03-16 (PCT/US2017/022614)
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[51] **Int.Cl. B60Q 1/34 (2006.01) G01S 13/86 (2006.01) G01S 13/93 (2006.01)**
[25] EN
[54] **VEHICLE TECHNOLOGIES FOR AUTOMATED TURN SIGNALING**
[54] **TECHNOLOGIES DE VEHICULE POUR ACTIVATION AUTOMATISEE DE CLIGNOTANT**
[72] HAIGHT, SEAN, US
[71] TESLA, INC., US
[85] 2019-08-23
[86] 2018-02-22 (PCT/US2018/019122)
[87] (WO2018/156695)
[30] US (62/463,383) 2017-02-24
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[51] **Int.Cl. C07D 231/56 (2006.01) A01N 43/56 (2006.01) A01N 47/18 (2006.01) A01N 47/34 (2006.01) C07D 405/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **PESTICIDAL COMPOUNDS**
[54] **COMPOSES PESTICIDES**
[72] NARINE, ARUN, DE
[72] ADISECHAN, ASHOKKUMAR, IN
[72] VYAS, DEVENDRA, IN
[72] DATTA, GOPAL KRISHNA, DE
[72] VALLINAYAGAM, RAMAKRISHNAN, IN
[72] CHAUDHURI, RUPSHA, IN
[72] SAMBASIVAN, SUNDERRAMAN, IN
[71] BASF SE, DE
[85] 2019-08-26
[86] 2018-03-19 (PCT/EP2018/056787)
[87] (WO2018/177781)
[30] EP (17163239.1) 2017-03-28

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[13] A1
[51] **Int.Cl. G09F 9/33 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **INDIVIDUALLY CONTROLLABLE LIGHT EMITTING DIODE MODULES FOR DISPLAYING DEFINED PATTERNS**
[54] **MODULES DE DIODES ELECTROLUMINESCENTES POUVANT ETRE COMMANDES INDIVIDUELLEMENT POUR AFFICHER DES MOTIFS DEFINIS**
[72] SELLAM, DAVID, CA
[71] MEDIA GRAPH DEPOT INC., CA
[85] 2019-08-28
[86] 2017-04-11 (PCT/CA2017/050441)
[87] (WO2018/157229)
[30] US (62/465,936) 2017-03-02

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[13] A1
[51] **Int.Cl. A23B 7/02 (2006.01) A23B 7/01 (2006.01)**
[25] EN
[54] **METHOD FOR DRYING VEGETABLES**
[54] **METHODE DE SECHAGE DE PRODUITS VEGETAUX**
[72] ALVAREZ SABATEL, SAIOA, ES
[72] RODRIGUEZ FERNANDEZ, RAQUEL, ES
[72] PEREZ SIMON, IZASKUN, ES
[72] MARTINEZ DE MARANON IBABE, INIGO, ES
[71] WILD PILOT FOOD, S.L., ES
[85] 2019-08-28
[86] 2017-01-31 (PCT/ES2017/070052)
[87] (WO2018/141997)

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-GITR ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-GITR ET LEURS METHODES D'UTILISATION**
[72] BUCKTROUT, SAMANTHA LISA, US
[72] CHAPARRO RIGGERS, JAVIER FERNANDO, US
[72] PASCUA, EDWARD DERRICK, US
[72] SMITH, BEVIN MARIE BRADY, US
[71] RINAT NEUROSCIENCE CORP., US
[85] 2019-08-28
[86] 2018-02-21 (PCT/IB2018/051067)
[87] (WO2018/158658)
[30] US (62/466,918) 2017-03-03

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[13] A1
[51] **Int.Cl. A43B 7/08 (2006.01) A43B 13/20 (2006.01)**
[25] EN
[54] **SHOE HAVING A SOLE STRUCTURE AND AN AIR-PUMPING DEVICE FOR BLOWING AIR INTO A SHOE INTERIOR**
[54] **CHAUSSURE COMPORTANT UNE STRUCTURE DE SEMELLE ET DISPOSITIF DE POMPAGE A AIR POUR INSUFFLER DE L'AIR DANS UNE CHAMBRE INTERIEURE DE CHAUSSURE**
[72] MOHLMANN, WILHELM, CH
[72] SCHMIDT, JENS, DE
[71] ATMOS AIRWALK AG, CH
[85] 2019-07-12
[86] 2017-10-20 (PCT/EP2017/076885)
[87] (WO2018/082942)
[30] EP (16197329.2) 2016-11-04

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[51] **Int.Cl. G01N 33/48 (2006.01) C12N 5/078 (2010.01) G01N 1/28 (2006.01) G01N 33/483 (2006.01) G01N 33/573 (2006.01) C12Q 1/6809 (2018.01) C12Q 1/32 (2006.01) C12Q 1/34 (2006.01)**
[25] EN
[54] **ERYTHROCYTE-DERIVED EXTRACELLULAR VESICLES AND PROTEINS ASSOCIATED WITH SUCH VESICLES AS BIOMARKERS FOR PARKINSON'S DISEASE**
[54] **VESICULES EXTRACELLULAIRES DERIVEES D'ERYTHROCYTES ET PROTEINES ASSOCIEES A DE TELLES VESICULES EN TANT QUE BIOMARQUEURS DE LA MALADIE DE PARKINSON**
[72] CICCHETTI, FRANCESCA, CA
[72] BOILARD, ERIC, CA
[71] UNIVERSITE LAVAL, CA
[85] 2019-08-06
[86] 2018-02-09 (PCT/CA2018/050150)
[87] (WO2018/145211)
[30] US (62/457,350) 2017-02-10

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[51] **Int.Cl. G01B 11/04 (2006.01) B02C 23/00 (2006.01) E21C 41/00 (2006.01) G01B 11/00 (2006.01) G01N 3/40 (2006.01) G01N 15/02 (2006.01)**
[25] EN
[54] **METHODS FOR MEASURING PROPERTIES OF ROCK PIECES**
[54] **PROCEDES DE MESURE DES PROPRIETES DE MORCEAUX DE ROCHE**
[72] BILODEAU, MAGELLA, CA
[72] LEFEBVRE, DANIEL, CA
[72] ROY, SEBASTIEN, CA
[72] DEMERS, ANDRE, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[71] INSTITUT NATIONAL D'OPTIQUE/NATIONAL OPTICS INSTITUTE, CA
[85] 2019-08-15
[86] 2018-02-15 (PCT/CA2018/050171)
[87] (WO2018/148832)
[30] GB (1702530.5) 2017-02-16

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[51] **Int.Cl. D01F 6/06 (2006.01) D04H 1/4291 (2012.01) D01F 6/46 (2006.01)**
[25] EN
[54] **POLYPROPYLENE COMPOSITION WITH IMPROVED TENSILE PROPERTIES, FIBERS AND NONWOVEN STRUCTURES**
[54] **COMPOSITION DE POLYPROPYLENE DOTEE DE PROPRIETES DE TRACTION AMELIOREES, FIBRES ET STRUCTURES NON TISSEES**
[72] BOURGONJON, IVES, BE
[72] YSENBAERT, JOHAN, BE
[72] VROMMAN, TIM, BE
[72] GOETHALS, BART, BE
[72] VANDERMEERSCH, JAN-LAURENS, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2019-09-11
[86] 2018-03-16 (PCT/EP2018/056746)
[87] (WO2018/167304)
[30] EP (17161684.0) 2017-03-17

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[13] A1
[51] **Int.Cl. B01F 13/00 (2006.01) B01L 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12M 1/40 (2006.01)**
[25] EN
[54] **DEVICES, PROCESSES, AND SYSTEMS FOR DETERMINATION OF NUCLEIC ACID SEQUENCE, EXPRESSION, COPY NUMBER, OR METHYLATION CHANGES USING COMBINED NUCLEASE, LIGASE, POLYMERASE, AND SEQUENCING REACTIONS**
[54] **DISPOSITIFS, PROCESSUS ET SYSTEMES POUR LA DETERMINATION D'UNE SEQUENCE D'ACIDE NUCLEIQUE, D'UNE EXPRESSION, D'UN NOMBRE DE COPIES OU DE CHANGEMENTS DE METHYLATION AU MOYEN D'UNE NUCLEASE, D'UNE LIGASE, D'UNE POLYMERASE ET DE REACTIONS DE SEQUENCAGE COMBINEES**
[72] BARANY, FRANCIS, US
[71] CORNELL UNIVERSITY, US
[85] 2019-09-11
[86] 2018-03-29 (PCT/US2018/025213)
[87] (WO2018/183723)
[30] US (62/478,412) 2017-03-29

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[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATED CAMERA COLLISION AND COMPOSITION PRESERVATION**
[54] **PROCEDE ET SYSTEME POUR UNE COLLISION DE CAMERA AUTOMATISEE ET UNE PRESERVATION DE COMPOSITION**
[72] MYHILL, ADAM, CA
[72] LABUTE, GREGORY, CA
[71] UNITY IPR APS, DK
[85] 2019-09-11
[86] 2018-03-16 (PCT/EP2018/056768)
[87] (WO2018/167319)
[30] US (62/473,107) 2017-03-17
[30] US (62/525,037) 2017-06-26
[30] US (62/551,134) 2017-08-28

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[13] A1
[51] **Int.Cl. A61M 11/00 (2006.01) A61M 15/00 (2006.01) B05B 17/06 (2006.01)**
[25] EN
[54] **METHOD AND CONTAINER FOR CLEANING THE MEMBRANE OF A NEBULIZER**
[54] **PROCEDE ET RECIPIENT POUR LE NETTOYAGE DE LA MEMBRANE D'UN NEBULISEUR**
[72] KOLB, TOBIAS, DE
[72] MUELLINGER, BERNHARD, DE
[72] VOGEL, JANA, DE
[72] KRUEGER, ULF, DE
[71] VECTURA DELIVERY DEVICES LIMITED, GB
[85] 2019-09-11
[86] 2018-03-19 (PCT/EP2018/056909)
[87] (WO2018/172292)
[30] EP (17161909.1) 2017-03-20
[30] EP (17161911.7) 2017-03-20

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[13] A1
[51] **Int.Cl. A61M 11/00 (2006.01) A61M 15/00 (2006.01) B05B 17/06 (2006.01)**
[25] EN
[54] **CONTAINER FOR CLEANING THE MEMBRANE OF A NEBULIZER**
[54] **RECIPIENT POUR LE NETTOYAGE DE LA MEMBRANE D'UN NEBULISEUR**
[72] KOLB, TOBIAS, DE
[72] MUELLINGER, BERNHARD, DE
[72] VOGEL, JANA, DE
[72] HUBER, MARTIN, DE
[72] KRUGER, ULF, DE
[71] VECTURA DELIVERY DEVICES LIMITED, GB
[85] 2019-09-11
[86] 2018-03-19 (PCT/EP2018/056910)
[87] (WO2018/172293)
[30] EP (17161910.9) 2017-03-20
[30] EP (17161911.7) 2017-03-20

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[13] A1
[51] **Int.Cl. H01H 23/30 (2006.01) A47B 9/00 (2006.01) A47B 17/02 (2006.01) H01H 23/14 (2006.01) H01H 23/16 (2006.01)**
[25] EN
[54] **ELECTRICAL OPERATING PANEL**
[54] **TABLEAU DE COMMANDE ELECTRIQUE**
[72] MADSEN WOLF, JESPER, DK
[71] LINAK A/S, DK
[85] 2019-09-12
[86] 2018-05-15 (PCT/DK2018/000014)
[87] (WO2018/210385)
[30] DK (PA 2017 00304) 2017-05-15

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[13] A1
[51] **Int.Cl. G01S 7/527 (2006.01) G01S 15/10 (2006.01) G01S 15/42 (2006.01)**
[25] FR
[54] **DEVICE FOR DETECTING PRESENCE BY ULTRASOUND**
[54] **DISPOSITIF DE DETECTION DE PRESENCE PAR ULTRASONS**
[72] VASILE, GABRIEL, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2019-09-11
[86] 2018-03-19 (PCT/EP2018/056893)
[87] (WO2018/172288)
[30] FR (17 52502) 2017-03-24

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[13] A1
[51] **Int.Cl. A47B 9/00 (2006.01)**
[25] EN
[54] **HEIGHT-ADJUSTABLE TABLE**
[54] **TABLE REGLABLE EN HAUTEUR**
[72] STAER MOLLER, ANNE, DK
[71] LINAK A/S, DK
[85] 2019-09-12
[86] 2018-05-15 (PCT/DK2018/000015)
[87] (WO2018/210386)
[30] DK (PA 2017 00305) 2017-05-15

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[13] A1
[51] **Int.Cl. A61K 36/48 (2006.01) A61P 13/08 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **USE OF COPAIFERA OLEORESIN IN PATHOLOGIES OF THE PROSTATE**
[54] **UTILISATION DE L'OLEORESINE DE COPAIFERA DANS LES PATHOLOGIES DE LA PROSTATE**
[72] FIORINI-PUYBARET, CHRISTEL, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2019-09-11
[86] 2018-03-20 (PCT/EP2018/057076)
[87] (WO2018/172380)
[30] FR (1752284) 2017-03-20

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[13] A1
[51] **Int.Cl. A47B 9/00 (2006.01) A47B 21/02 (2006.01)**
[25] EN
[54] **HEIGHT-ADJUSTABLE TABLE**
[54] **TABLE REGLABLE EN HAUTEUR**
[72] LUNDAHL OLESEN, JAIS, DK
[72] MOLLENBACH NIELSEN, ALEXANDER, DK
[71] LINAK A/S, DK
[85] 2019-09-12
[86] 2018-05-15 (PCT/DK2018/000016)
[87] (WO2018/210387)
[30] DK (PA 2017 00306) 2017-05-15
[30] DK (PA 2017 00307) 2017-05-15

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[13] A1
[51] **Int.Cl. A61K 31/426 (2006.01) A61K 31/277 (2006.01) A61K 31/42 (2006.01) A61P 25/00 (2006.01) A61P 37/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATION COMPRISING PONESIMOD**
[54] **COMBINAISON PHARMACEUTIQUE COMPRENANT DU PONESIMOD**
[72] CLOZEL, MARTINE, CH
[72] POUZOL, LAETITIA, CH
[71] ACTELION PHARMACEUTICALS LTD, CH
[85] 2019-09-12
[86] 2018-03-13 (PCT/EP2018/056185)
[87] (WO2018/167030)
[30] EP (PCT/EP2017/055994) 2017-03-14

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[13] A1
[51] **Int.Cl. A61K 31/192 (2006.01) A61K 31/4402 (2006.01) A61K 31/4418 (2006.01) A61K 31/473 (2006.01) A61K 31/496 (2006.01) A61K 31/4985 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 31/53 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **TREATMENT OF IDIOPATHIC PULMONARY FIBROSIS**
[54] **TRAITEMENT DE LA FIBROSE PULMONAIRE IDIOPATHIQUE**
[72] HANAUER, GUIDO, DE
[72] NIKAM, SHAM, JP
[72] HAZAMA, MASATOSHI, JP
[71] TAKEDA GMBH, DE
[85] 2019-09-12
[86] 2018-03-14 (PCT/EP2018/056381)
[87] (WO2018/167142)
[30] EP (17161340.9) 2017-03-16

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 7/04 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **AUTHENTICATED CONFIRMATION AND ACTIVATION MESSAGE**
[54] **MESSAGE DE CONFIRMATION ET D'ACTIVATION AUTHENTIFIE**
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] MEYER, RAIMUND, DE
[72] SOLLER, DOMINIK, DE
[72] KNEISSL, JAKOB, DE
[72] WECHSLER, JOHANNES, DE
[72] OBERNOSTERER, FRANK, DE
[71] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2019-09-12
[86] 2018-03-14 (PCT/EP2018/056386)
[87] (WO2018/167145)
[30] DE (10 2017 204 184.6) 2017-03-14

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[13] A1
[51] **Int.Cl. B32B 1/02 (2006.01) A45C 5/02 (2006.01) A45C 5/03 (2006.01) B29C 51/14 (2006.01) B32B 5/22 (2006.01) B32B 5/24 (2006.01) B32B 5/26 (2006.01) B32B 27/08 (2006.01) B32B 27/12 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **BIAXIALLY ORIENTED THERMOPLASTIC POLYMER LAMINATE FILMS FOR LUGGAGE ARTICLES AND METHODS OF MAKING THE SAME**
[54] **FILMS STRATIFIES DE POLYMERE THERMOPLASTIQUE A ORIENTATION BIAXIALE POUR ARTICLES DE BAGAGE ET LEURS PROCEDES DE FABRICATION**
[72] KOSLOWSKI, PAULINE M., BE
[72] HILLAERT, RIK, BE
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
[85] 2019-09-12
[86] 2018-03-15 (PCT/EP2018/056586)
[87] (WO2018/167233)
[30] EP (17161218.7) 2017-03-15

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **ANTHER-SPECIFIC PROMOTER AND USES THEREOF**
[54] **PROMOTEUR SPECIFIQUE DE L'ANTHERE ET SES UTILISATIONS**
[72] DENOLF, PETER, BE
[72] VANDERAUWERA, SANDY, BE
[72] FROHBERG, CLAUS, DE
[72] SCHEIRLINCK, MARIE-THERESE, BE
[72] VANHOUTTE, SIGRID, BE
[71] BASF SE, DE
[85] 2019-09-12
[86] 2018-03-15 (PCT/EP2018/056537)
[87] (WO2018/172181)
[30] EP (17162487.7) 2017-03-23

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[13] A1
[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/41 (2006.01) A61K 31/4155 (2006.01) A61P 3/00 (2006.01) A61P 11/00 (2006.01) C07D 231/16 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 471/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR THE TREATMENT OF CYSTIC FIBROSIS**
[54] **NOUVEAUX DERIVES DE PYRAZOLE POUR LE TRAITEMENT DE LA FIBROSE KYSTIQUE**
[72] BANDIERA, TIZIANO, IT
[72] BERTOZZI, FABIO, IT
[72] DI FRUSCIA, PAOLO, IT
[72] SORANA, FEDERICO, IT
[72] CACI, EMANUELA, IT
[72] FERRERA, LORETTA, IT
[72] PEDEMONTE, NICOLETTA, IT
[72] GALIETTA, LUIS JUAN VICENTE, IT
[71] FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA, IT
[71] ISTITUTO GIANNINA GASLINI, IT
[71] FONDAZIONE PER LA RICERCA SULLA FIBROSI CISTICA-ON-LUS, IT
[85] 2019-09-12
[86] 2018-03-14 (PCT/IB2018/051714)
[87] (WO2018/167695)
[30] IT (102017000028127) 2017-03-14

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[13] A1
[51] **Int.Cl. D21H 17/00 (2006.01) D06P 1/34 (2006.01) D21H 17/02 (2006.01) D21H 17/65 (2006.01) D21H 21/14 (2006.01) D21H 21/28 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING CULTIVATED MICROALGAE FOR USE IN COLORING PROCESSES**
[54] **COMPOSITION COMPRENANT DES MICROALGUES CULTIVEES DESTINEES A ETRE UTILISEES DANS DES PROCEDES DE COLORATION**
[72] KREBS, RENANA, IL
[71] ALGALIFE LTD., IL
[85] 2019-09-12
[86] 2018-03-20 (PCT/IL2018/050320)
[87] (WO2018/173051)
[30] US (62/473,549) 2017-03-20

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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NATIVE CELL DERIVED VESICLES CONTAINING TUMOR SUPPRESSOR PROTEINS FOR THERAPY**
[54] **VESICULES A VISEE THERAPEUTIQUE DERIVEES DE CELLULES NATIVES ET CONTENANT DES PROTEINES SUPPRESSIVES DE TUMEUR**
[72] TENDLER, ALEXANDER, IL
[72] VOLOKH, LANA, IL
[71] EXOPROTHER MEDICAL LTD., IL
[85] 2019-09-12
[86] 2018-03-21 (PCT/IL2018/050328)
[87] (WO2018/173059)
[30] US (62/474,142) 2017-03-21

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[13] A1
[51] **Int.Cl. C03C 17/04 (2006.01) C09D 11/023 (2014.01) C09D 11/033 (2014.01)**
[25] EN
[54] **INK**
[54] **ENCRE**
[72] SHIPWAY, ANDY, IL
[72] LIPKIN, ANNA, IL
[72] DAVID, DGANIT, IL
[72] BOGUSLAVSKY, LIOR, IL
[72] BEN-MOSHE, MATTI, IL
[71] DIP TECH LTD., IL
[85] 2019-09-12
[86] 2018-03-26 (PCT/IL2018/050343)
[87] (WO2018/193438)
[30] US (62/486,556) 2017-04-18

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[13] A1
[51] **Int.Cl. F15B 1/10 (2006.01)**
[25] EN
[54] **ACCUMULATOR**
[54] **ACCUMULATEUR**
[72] MIZUKAMI, HIROSHI, JP
[72] IWAI, IPPEI, JP
[72] SAITO, MIEKO, JP
[71] NHK SPRING CO., LTD., JP
[85] 2019-09-12
[86] 2018-01-25 (PCT/JP2018/002293)
[87] (WO2018/168215)
[30] JP (2017-047750) 2017-03-13

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[13] A1
[51] **Int.Cl. C07D 215/04 (2006.01)**
[25] EN
[54] **NOVEL AMORPHOUS DISPERSION OF 4-METHYL-3-QUINOLIN-3-YLETHYNYL-BENZOIC ACID N'-(2-CHLORO-6-METHYL-BENZOYL) HYDRAZIDE**
[54] **NOUVELLE DISPERSION AMORPHE D'HYDRAZIDE N'- (2-CHLORO-6-METHYL-BENZOYL) D'ACIDE 4-METHYL-3-QUINOLINE-3-YLETHYNYLE-BENZOIQUE**
[72] ZALA, YASHORAJ, IN
[72] HANAMANNAVAR, BRAMHANAND, IN
[72] DHARMADHIKARI, NITIN, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
[85] 2019-09-12
[86] 2018-03-15 (PCT/IN2018/050146)
[87] (WO2018/167802)
[30] IN (201721005414) 2017-03-15

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[13] A1
[51] **Int.Cl. C07D 213/16 (2006.01)**
[25] EN
[54] **NOVEL AMORPHOUS DISPERSION OF CYCLOPROPANECARBOXYLIC ACID (5-{5-[N'-(2- CHLORO-6-METHYLBENZOYL) HYDRAZINOCARBONYL] -2-METHYL-PHENYLETHYNYL}-PYRIDIN-2-YL) AMIDE**
[54] **NOUVELLE DISPERSION AMORPHE D'ACIDE CYCLOPROPANECARBOXYLIQUE (5-{5-[N'-(2-CHLORO-6-METHYLBENZOYL) HYDRAZINOCARBONYL] -2-METHYL-PHENYLETHYNYL}-PYRIDIN-2-YL) AMIDE**
[72] ZALA, YASHORAJ, IN
[72] HANAMANNAVAR, BRAMHANAND, IN
[72] DHARMADHIKARI, NITIN, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
[85] 2019-09-12
[86] 2018-03-15 (PCT/IN2018/050147)
[87] (WO2018/167803)
[30] IN (201721005409) 2017-03-15

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[51] **Int.Cl. C40B 50/04 (2006.01) G16B 35/00 (2019.01) C12N 15/10 (2006.01) C12Q 1/68 (2018.01) C40B 30/00 (2006.01) C40B 40/06 (2006.01) C40B 40/08 (2006.01) C40B 50/00 (2006.01) C40B 50/06 (2006.01) G16B 30/00 (2019.01)**
[25] EN
[54] **DE NOVO SYNTHESIZED COMBINATORIAL NUCLEIC ACID LIBRARIES**
[54] **BANQUES COMBINATOIRES D'ACIDES NUCLEIQUES SYNTHETISES DE NOVO**
[72] COX, ANTHONY, US
[72] CHEN, SIYUAN, US
[72] LEDOGAR, CHARLES, US
[72] TOPPANI, DOMINIQUE, US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2019-09-12
[86] 2018-03-14 (PCT/US2018/022487)
[87] (WO2018/170164)
[30] US (62/471,723) 2017-03-15
[30] US (62/578,326) 2017-10-27

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[13] A1
[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/711 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **VARIANT LIBRARIES OF THE IMMUNOLOGICAL SYNAPSE AND SYNTHESIS THEREOF**
[54] **BANQUES DE VARIANTS DE LA SYNAPSE IMMUNOLOGIQUE ET LEUR SYNTHESE**
[72] COX, ANTHONY, US
[72] CHEN, SIYUAN, US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2019-09-12
[86] 2018-03-14 (PCT/US2018/022493)
[87] (WO2018/170169)
[30] US (62/471,810) 2017-03-15

[21] **3,056,393**
[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) A61K 35/17 (2015.01)**
[25] EN
[54] **METHODS FOR CRYOGENIC STORAGE**
[54] **PROCEDES DE STOCKAGE CRYOGENIQUE**
[72] CHURCH, SARA ELIZABETH, US
[72] GUNTHER, JON CHARLES, US
[72] POLLOCK, KATHRYN, US
[71] JUNO THERAPEUTICS, INC., US
[71] CHURCH, SARA ELIZABETH, US
[71] GUNTHER, JON CHARLES, US
[71] POLLOCK, KATHRYN, US
[85] 2019-09-12
[86] 2018-03-14 (PCT/US2018/022522)
[87] (WO2018/170188)
[30] US (62/471,343) 2017-03-14

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 9/14 (2006.01) A61K 31/337 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TOPICAL THERAPY FOR THE TREATMENT OF SKIN MALIGNANCIES USING NANOPARTICLES OF TAXANES**
[54] **THERAPIE TOPIQUE POUR LE TRAITEMENT DE MALIGNITES CUTANEES AU MOYEN DE NANOPARTICULES DE TAXANES**
[72] DIZEREGA, GERE, US
[71] DFB SORIA, LLC, US
[85] 2019-09-12
[86] 2018-03-15 (PCT/US2018/022540)
[87] (WO2018/170196)
[30] US (62/471,561) 2017-03-15

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[13] A1
[51] **Int.Cl. H02J 3/18 (2006.01) H02B 1/56 (2006.01) H05K 7/18 (2006.01) H05K 7/20 (2006.01) H02B 1/26 (2006.01)**
[25] EN
[54] **A MEDIUM VOLTAGE STATIC SYNCHRONOUS COMPENSATOR FOR POWER DISTRIBUTION GRIDS**
[54] **COMPENSATEUR SYNCHRONE STATIQUE MOYENNE TENSION POUR RESEAUX DE DISTRIBUTION D'ELECTRICITE**
[72] SPECHT, ANDREW, US
[72] BRUBAKER, JOHN R., US
[72] PUTNAM, MARK D., US
[72] FOLTS, DOUGLAS C., US
[72] OTEMAN, DAVID G., US
[72] FLANNERY, PATRICK, US
[71] AMERICAN SUPERCONDUCTOR CORPORATION, US
[85] 2019-09-12
[86] 2018-03-15 (PCT/US2018/022541)
[87] (WO2018/170197)
[30] US (15/459,187) 2017-03-15
[30] US (15/725,486) 2017-10-05

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[13] A1
[51] **Int.Cl. B65G 1/137 (2006.01) B65G 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR STORING, RETRIEVING AND PROCESSING OBJECTS INCLUDING STACKABLE SEMICIRCULAR TOWERS**
[54] **SYSTEMES ET PROCEDES DE STOCKAGE, DE RECUPERATION ET DE TRAITEMENT D'OBJETS COMPRENANT DES TOURS SEMI-CIRCULAIRES EMPILABLES**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, JR., US
[72] COHEN, BENJAMIN, US
[72] DAWSOM-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY, INC., US
[85] 2019-09-12
[86] 2018-03-15 (PCT/US2018/022654)
[87] (WO2018/170277)
[30] US (62/471,656) 2017-03-15

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[13] A1
[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/122 (2006.01) A61K 31/375 (2006.01)**
[25] EN
[54] **PET FOOD INCLUDING CANNABIDIOLIC ACID**
[54] **ALIMENT POUR ANIMAUX DE COMPAGNIE COMPRENANT DE L'ACIDE CANNABIDIOLIQUE**
[72] MCGARRAH, STEVEN M., US
[72] ASQUITH, THOMAS A., US
[71] MCGARRAH, STEVEN M., US
[71] ASQUITH, THOMAS A., US
[85] 2019-09-12
[86] 2018-03-16 (PCT/US2018/022985)
[87] (WO2018/175259)
[30] US (62/473,369) 2017-03-18

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[13] A1
[51] **Int.Cl. C07K 1/107 (2006.01) C07K 14/47 (2006.01) C07K 14/58 (2006.01)**
[25] EN
[54] **NPRA AGONISTS, COMPOSITIONS, AND USES THEREOF**
[54] **AGONISTES NPRA, COMPOSITIONS ET UTILISATIONS CORRESPONDANTES**
[72] CASTILLO, GERARDO M., US
[72] NISHIMOTO-ASHFIELD, AKIKO, US
[72] BOLOTIN, ELIJAH, US
[71] PHARMAIN CORPORATION, US
[85] 2019-09-12
[86] 2018-03-21 (PCT/US2018/023491)
[87] (WO2018/175534)
[30] US (62/475,147) 2017-03-22

[21] **3,056,436**
[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **IN-MOLD NON-TIME DEPENDENT DETERMINATION OF INJECTION MOLDED PART EJECTION READINESS**
[54] **DETERMINATION NON-DEPENDANTE DU TEMPS DANS LE MOULE DE LA PREPARATION A L'INJECTION D'UNE PIECE MOULEE**
[72] UNKOVIC, NICHOLAS MULKERN, US
[72] ALTONEN, GENE MICHAEL, US
[72] LUMPKIN, DANIEL, US
[72] LAWLESS, WILLIAM FRANCIS, US
[72] HANSON H., KENNETH III, US
[72] HUANG, CHOW-CHI, US
[71] IMFLUX INC., US
[85] 2019-09-12
[86] 2018-04-03 (PCT/US2018/025783)
[87] (WO2018/187254)
[30] US (62/481,291) 2017-04-04

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[13] A1
[51] **Int.Cl. F04D 5/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DIFFUSION DEVICES AND SYSTEMS, AND METHODS OF MANUFACTURING AND USING SAME**
[54] **DISPOSITIFS ET SYSTEMES MICROFLUIDIQUES DE DIFFUSION ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] POTKAY, JOSEPH A., US
[71] U.S. DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2019-09-12
[86] 2018-04-03 (PCT/US2018/025952)
[87] (WO2018/187372)
[30] US (62/480,809) 2017-04-03

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[13] A1
[51] **Int.Cl. A61M 5/168 (2006.01)**
[25] EN
[54] **INSULIN LEAKAGE SENSOR WITH ELECTRIC CONTROL TO STOP INSULIN FLOW**
[54] **CAPTEUR DE FUITE D'INSULINE A COMMANDE ELECTRIQUE PERMETTANT D'ARRETER L'ECOULEMENT D'INSULINE**
[72] PETISCE, JAMES R., US
[72] BENE, ERIC, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2019-09-12
[86] 2018-04-19 (PCT/US2018/028361)
[87] (WO2018/195310)
[30] US (62/488,005) 2017-04-20

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[13] A1
[51] **Int.Cl. A61K 31/404 (2006.01) C07D 209/04 (2006.01)**
[25] EN
[54] **NRF AND HIF ACTIVATORS/HDAC INHIBITORS AND THERAPEUTIC METHODS USING THE SAME**
[54] **ACTIVATEURS DE NRF ET DE HIF/INHIBITEURS DE HDAC ET METHODES THERAPEUTIQUES UTILISANT CEUX-CI**
[72] GAISINA, IRINA, US
[72] KOZIKOWSKI, ALAN, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2019-09-12
[86] 2018-04-25 (PCT/US2018/029258)
[87] (WO2018/200608)
[30] US (62/490,101) 2017-04-26

[21] **3,056,449**
[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A RATE OR FORCE OF A CLAMP IN A MOLDING SYSTEM USING ONE OR MORE STRAIN GAUGES**
[54] **PROCEDE DE REGULATION DE LA VITESSE OU DE LA FORCE D'UNE PINCE DANS UN SYSTEME DE MOULAGE A L'AIDE D'UNE OU DE PLUSIEURS JAUGES DE CONTRAINTE**
[72] LAWLESS, WILLIAM FRANCIS, US
[72] POLLARD, RICK ALAN, US
[72] HUANG, CHOW-CHI, US
[72] ALTONEN, GENE MICHAEL, US
[71] IMFLUX INC., US
[85] 2019-09-12
[86] 2018-05-02 (PCT/US2018/030570)
[87] (WO2018/204442)
[30] US (62/500,237) 2017-05-02

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[13] A1
[51] **Int.Cl. A41D 27/04 (2006.01) A41D 3/02 (2006.01) A41D 13/002 (2006.01) A41D 27/28 (2006.01)**
[25] EN
[54] **VENTED GARMENT**
[54] **VETEMENT AERE**
[72] PEZZIMENTI, LUKE A., US
[72] KOSHKAROFF, IUSTINIA, US
[72] SZE, KEVIN C., US
[71] NIKE INNOVATE C.V., US
[85] 2019-09-12
[86] 2018-05-17 (PCT/US2018/033094)
[87] (WO2018/213528)
[30] US (15/597,540) 2017-05-17

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[13] A1
[51] **Int.Cl. F01K 27/00 (2006.01) F03D 9/22 (2016.01) F01K 13/00 (2006.01) F03G 4/00 (2006.01) F03G 6/00 (2006.01) F28C 3/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF UTILIZING THERMAL ENERGY USING MULTI FLUID DIRECT CONTACT HYDRAULIC CYCLES**
[54] **APPAREIL ET PROCEDE D'UTILISATION D'ENERGIE THERMIQUE A L'AIDE DE CYCLES HYDRAULIQUES A CONTACT DIRECT MULTI-FLUIDE**
[72] FORD, DARRELL, CA
[71] BOUNDARY TURBINES INC, CA
[85] 2019-09-13
[86] 2018-03-14 (PCT/CA2018/050308)
[87] (WO2018/165756)
[30] US (62/471,109) 2017-03-14

[21] **3,056,476**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PICKING UP, SHAPING, AND PLACING A THIN GLASS PANE**
[54] **DISPOSITIF ET PROCEDE DESTINES A RECEVOIR, A DEFORMER ET A DEPOSER UNE PLAQUE DE VERRE MINCE**
[72] GIER, STEPHAN, DE
[72] BORCHMANN, NIKOLAI, DE
[72] LUCKE, STEFAN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2019-09-13
[86] 2018-02-27 (PCT/EP2018/054783)
[87] (WO2018/172022)

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[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/742 (2015.01) A23K 10/16 (2016.01) A23K 10/18 (2016.01)**
[25] EN
[54] **BACILLUS SUBTILIS STRAINS IMPROVING ANIMAL PERFORMANCE PARAMETERS**
[54] **SOUCHES DE BACILLUS SUBTILIS AMELIORANT DES PARAMETRES DE PERFORMANCE ANIMALE**
[72] SANDVANG, DORTHE, DK
[72] STYRISHAVE, TINA, DK
[71] CHR. HANSEN A/S, DK
[85] 2019-09-13
[86] 2018-03-14 (PCT/EP2018/056442)
[87] (WO2018/167171)
[30] EP (17160843.3) 2017-03-14
[30] EP (18154862.9) 2018-02-02

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **VACCINE**
[54] **VACCIN**
[72] BLOM NIHLEN, KIM ANDREA, SE
[72] LJUNGGREN, HANS-GUSTAF EINAR, SE
[71] BLOM NIHLEN, KIM ANDREA, SE
[71] LJUNGGREN, HANS-GUSTAF EINAR, SE
[85] 2019-09-13
[86] 2018-03-14 (PCT/EP2018/056444)
[87] (WO2018/167172)
[30] GB (1704126.0) 2017-03-15

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[13] A1
[51] **Int.Cl. H04N 21/218 (2011.01) H04N 21/2187 (2011.01) H04N 21/234 (2011.01) H04N 21/80 (2011.01) H04N 5/222 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CREATING METADATA MODEL TO IMPROVE MULTI-CAMERA PRODUCTION**
[54] **SYSTEME ET PROCEDE DE CREATION D'UN MODELE DE METADONNEES POUR AMELIORER LA PRODUCTION DE CAMERAS MULTIPLES**
[72] DAMSTRA, NICOLAAS JOHANNES, LU
[72] PERSA, STELIAN FLORIN, LU
[72] HOMMEL, JOHN, LU
[71] GVBB HOLDINGS, S.A.R.L., LU
[85] 2019-09-13
[86] 2018-03-14 (PCT/EP2018/056461)
[87] (WO2018/167182)
[30] US (62/471,483) 2017-03-15
[30] US (15/919,536) 2018-03-13

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/282 (2006.01) A61K 31/513 (2006.01) A61K 31/7072 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION BETWEEN TRIFLURIDINE/TIPIRACIL HYDROCHLORIDE, AN ANTI-TUMOR PLATINUM COMPLEX, AND AN IMMUNE CHECKPOINT MODULATOR**
[54] **COMBINAISON ENTRE TRIFLURIDINE/ CHLORHYDRATE DE TIPIRACIL, COMPLEXE DE PLATINE ANTI-TUMORAL ET MODULATEUR DE POINT DE CONTROLE IMMUNITAIRE**
[72] ABASTADO, JEAN-PIERRE, FR
[72] AMELLAL, NADIA, FR
[72] BRUNO, ALAIN, FR
[72] BURBRIDGE, MICHAEL FRANK, FR
[72] CATTAN, VALERIE, FR
[72] LEGER, CATHERINE, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2019-09-13
[86] 2018-03-16 (PCT/EP2018/056632)
[87] (WO2018/167256)
[30] EP (17161630.3) 2017-03-17

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[13] A1
[51] **Int.Cl. C07D 213/30 (2006.01) A61L 2/08 (2006.01) C07C 49/755 (2006.01) C07C 69/54 (2006.01) C07C 69/76 (2006.01) C07C 217/12 (2006.01) C07C 225/18 (2006.01) C07C 233/31 (2006.01) C07C 233/38 (2006.01) C07C 271/16 (2006.01) C07C 271/20 (2006.01) C07D 303/22 (2006.01) C07F 7/04 (2006.01) C07F 7/18 (2006.01) C08K 5/08 (2006.01) C09D 5/14 (2006.01) C09D 133/14 (2006.01) C09D 175/04 (2006.01) C09D 183/10 (2006.01)**
[25] EN
[54] **PHENALENE-1-ONE-CONTAINING PHOTOSENSITIZER COMPOSITION, PHENALENE-1-ONE COMPOUND AND WELL AS ITS USE**
[54] **COMPOSITION DE PHOTOSENSIBILISATEUR CONTENANT DE LA PHENALEN-1-ONE, COMPOSE DE PHENALEN-1-ONE ET UTILISATION DE CETTE COMPOSITION**
[72] SPATH, ANDREAS, DE
[72] EICHNER, ANJA, DE
[71] TRIOPTOTEC GMBH, DE
[85] 2019-09-13
[86] 2018-03-16 (PCT/EP2018/056653)
[87] (WO2018/167264)
[30] EP (17161718.6) 2017-03-17

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[13] A1
[51] **Int.Cl. A47B 9/20 (2006.01) A47B 21/06 (2006.01)**
[25] EN
[54] **TELESCOPIC COLUMN WITH INTERNAL CABLE**
[54] **COLONNE TELESCOPIQUE AVEC CABLE INTERIEUR**
[72] STANEK, CARL, SE
[72] KAMPS, BRUCE, SE
[71] ROL ERGO AB, SE
[85] 2019-09-13
[86] 2018-03-16 (PCT/EP2018/056664)
[87] (WO2018/172208)
[30] EP (17162079.2) 2017-03-21

[21] **3,056,488**
[13] A1
[51] **Int.Cl. H03F 3/181 (2006.01) H04R 1/10 (2006.01) H04R 3/00 (2006.01) H04R 19/00 (2006.01)**
[25] EN
[54] **AMPLIFIER UNIT FOR A SOUND CONVERTER AND SOUND GENERATING UNIT**
[54] **UNITE D'AMPLIFICATION POUR TRANSDUCTEUR ACOUSTIQUE ET GENERATEUR ACOUSTIQUE**
[72] RUSCONI CLERICI BELTRAMI, ANDREA, AT
[72] BOTTONI, FERRUCCIO, AT
[72] HAENSLER, MARKUS, AT
[71] USOUND GMBH, AT
[85] 2019-09-13
[86] 2018-03-16 (PCT/EP2018/056668)
[87] (WO2018/167272)
[30] DE (10 2017 105 594.0) 2017-03-16

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[13] A1
[51] **Int.Cl. F41H 1/04 (2006.01) F41H 1/08 (2006.01) F41H 5/04 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL SHAPED ARTICLE**
[54] **ARTICLE DE FORME TRIDIMENSIONNELLE**
[72] MURAT, OZMEN, NL
[71] DSM IP ASSETS B.V., NL
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[25] EN
[54] **TETRAHYDRATE OF H3 LIGAND, ITS PROCESS OF PREPARATION AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME**
[54] **TETRAHYDRATE DE LIGAND H3, SON PROCEDE DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT**
[72] CAPET, MARC, FR
[72] LECOMTE, JEANNE-MARIE, FR
[72] SCHWARTZ, JEAN-CHARLES, FR
[71] BIOPROJET, FR
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[25] EN
[54] **FDCA-DECARBOXYLATING MONOOXYGENASE-DEFICIENT HOST CELLS FOR PRODUCING FDCA**
[54] **CELLULES HOTES DEFICIENTES EN MONOOXYGENASE DECARBOXYLANT LE FDCA POUR LA PRODUCTION DE FDCA**
[72] DE BONT, JOHANNES ADRIANUS MARIA, NL
[72] RUIJSSENAARS, HARALD JOHAN, NL
[72] WERIJ, JAN, NL
[71] PURAC BIOCHEM B.V., NL
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[54] **ASSEMBLY OF A CARRIER AND A PLURALITY OF ELECTRICAL CIRCUITS FIXED THERETO, AND METHOD OF MAKING THE SAME**
[54] **ASSEMBLAGE D'UN SUPPORT ET D'UNE PLURALITE DE CIRCUITS ELECTRIQUES FIXES A CELUI-CI, ET SON PROCEDE DE FABRICATION**
[72] NIELSEN, FINN, DK
[72] NIELSEN, HENNING BONDE, DK
[72] GIEDENBACHER, ROBERT BERNT, DK
[71] CARDLAB APS, DK
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[54] **T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME AGAINST PRAME POSITIVE CANCERS**
[54] **RECEPTEURS DE LYMPHOCYTES T ET THERAPIE IMMUNITAIRE LES UTILISANT CONTRE DES CANCERS POSITIFS A PRAME**
[72] ALTEN, LEONIE, DE
[72] MAURER, DOMINIK, DE
[72] BUNK, SEBASTIAN, DE
[72] WAGNER, CLAUDIA, DE
[72] FERBER, MATHIAS, FR
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[86] 2018-03-23 (PCT/EP2018/057482)
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[25] EN
[54] **FC-OPTIMIZED ANTI-CD25 FOR TUMOUR SPECIFIC CELL DEPLETION**
[54] **ANTI-CD25 A OPTIMISATION FC POUR EPUISEMENT DE CELLULES SPECIFIQUES TUMORALES**
[72] GOUBIER, ANNE, GB
[72] MERCHIERS, PASCAL, GB
[72] SALIMU, JOSEPHINE, GB
[72] GOYENECHEA, BEATRIZ, GB
[72] MOULDER, KEVIN, GB
[72] QUEZADA, SERGIO, GB
[72] PEGGS, KARL, GB
[72] VARGAS, FRED ARCE, GB
[72] SOLOMON, ISABELLE, GB
[71] TUSK THERAPEUTICS LTD, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[86] 2018-03-13 (PCT/EP2018/056312)
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[51] **Int.Cl. E01B 1/00 (2006.01) E01B 3/40 (2006.01)**
[25] EN
[54] **SLEEPER FASTENING SYSTEM ON A BALLASTLESS TRACK**
[54] **DISPOSITIF DE FIXATION DE TRAVERSE**
[72] BOTELLO ROJAS, FAIVER, ES
[72] OLIVE, JEROME, FR
[72] VIAN, DAVID, FR
[72] HERMOSILLA CARRASCO, CARLOS, ES
[72] QUINTANA, AMADOR, ES
[72] MORALES GAMIZ, FRANCISCO JAVIER, ES
[71] ACCIONA CONSTRUCCION, S.A., ES
[71] SYSTRA, FR
[71] INGENIERIA Y ECONOMIA DEL TRANSPORTE S.M.E. M.P., S.A., ES
[71] CENTRO DE ESTUDIOS MATERIALES Y CONTROL DE OBRA, S.A., ES
[85] 2019-09-13
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[51] **Int.Cl. A47C 27/14 (2006.01) A47D 13/08 (2006.01) A61G 13/00 (2006.01)**
[25] EN
[54] **MEDICAL EXAMINATION TABLE FOR BABIES**
[54] **CIVIERE POUR LES INTERVENTIONS SUR LES BEBES**
[72] LOPEZ MARTINEZ, PALOMA, ES
[72] LOPEZ GIL, FELIX, ES
[71] FAMA SOFAS, S.L., ES
[85] 2019-09-13
[86] 2018-02-12 (PCT/ES2018/070097)
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[51] **Int.Cl. A61K 36/73 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **CANNABINOID FORMULATIONS AND DOSAGE**
[54] **FORMULATIONS ET DOSAGE DE CANNABINOIDES**
[72] COHEN, SHMUEL, IL
[72] LEVINE, WILLIAM Z., IL
[71] IZUN PHARMACEUTICALS CORP., US
[85] 2019-09-13
[86] 2018-03-16 (PCT/IL2018/050307)
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[30] US (62/472,329) 2017-03-16

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[51] **Int.Cl. G01S 13/24 (2006.01)**
[25] EN
[54] **RADAR DEVICE**
[54] **DISPOSITIF RADAR**
[72] MANIWA, KAZUAKI, JP
[72] KAGEME, SATOSHI, JP
[72] HARA, TERUYUKI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2019-09-13
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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **EMBRYONIC DEVELOPMENT ANALYSIS SYSTEM, EMBRYONIC DEVELOPMENT IMAGE ANALYSIS METHOD, NON-TRABSITORY COMPUTER READABLE MEDIUM, AND EMBRYONIC DEVELOPMENT ANALYSIS IMAGE PROCESSING DEVICE**
[54] **SYSTEME D'ANALYSE DE DEVELOPPEMENT EMBRYONNAIRE, PROCEDE D'ANALYSE D'IMAGE DE DEVELOPPEMENT EMBRYONNAIRE, SUPPORT NON TRANSITOIRE LISIBLE PAR ORDINATEUR ET DISPOSITIF DE TRAITEMENT D'IMAGE D'ANALYSE DE DEVELOPPEMENT EMBRYONNAIRE**
[72] SHINODA, MASATAKA, JP
[72] OHASHI, TAKESHI, JP
[72] ONUMA, TOMOYA, JP
[71] SONY CORPORATION, JP
[85] 2019-09-13
[86] 2018-01-26 (PCT/JP2018/002469)
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[25] EN
[54] **DIE HEAD APPARATUS, COATING METHOD, AND LAMINATE BODY FORMING APPARATUS**
[54] **DISPOSITIF DE TYPE TETE DE MATRICE, PROCEDE D'APPLICATION ET DISPOSITIF DE FORMATION DE STRATIFIE**
[72] KOSEMURA, TOORU, JP
[72] SAITOH, MASAKI, JP
[72] YAMASHITA, HIROSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2019-09-13
[86] 2018-01-31 (PCT/JP2018/003198)
[87] (WO2018/168234)
[30] JP (2017-048731) 2017-03-14

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[13] A1
[51] **Int.Cl. C08G 59/24 (2006.01) C08G 59/50 (2006.01)**
[25] EN
[54] **EPOXY RESIN, EPOXY RESIN COMPOSITION, EPOXY RESIN CURED PRODUCT, AND COMPOSITE MATERIAL**
[54] **RESINE EPOXYDE, COMPOSITION DE RESINE EPOXYDE, PRODUIT DURCI DE RESINE EPOXYDE ET MATERIAU COMPOSITE**
[72] FUKUDA, KAZUMASA, JP
[72] TAKEZAWA, YOSHITAKA, JP
[72] MARUYAMA, NAOKI, JP
[72] YOSHIDA, YUKA, JP
[72] HIGASHIUCHI, TOMOKO, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2019-09-13
[86] 2018-03-05 (PCT/JP2018/008424)
[87] (WO2018/168556)
[30] JP (2017-050145) 2017-03-15

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[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/433 (2006.01) A61P 31/04 (2006.01) C07F 9/09 (2006.01)**
[25] EN
[54] **N-PHOSPHONOXYMETHYL PRODRUGS OF HYDROXYALKYL THIADIAZOLE DERIVATIVES**
[54] **PROMEDICAMENTS A BASE DE N-PHOSPHONOXYMETHYLE DE DERIVES D'HYDROXYALKYLE THIADIAZOLE**
[72] KHERA, MANOJ KUMAR, JP
[72] DUMBRE, NARESH CHINTAMAN, JP
[72] KHAN, PASHA, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2019-09-13
[86] 2018-03-13 (PCT/JP2018/010670)
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[30] IN (201711008754) 2017-03-14

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[51] **Int.Cl. H04W 24/10 (2009.01) H04W 16/32 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF STATION DE BASE, PROCEDE DE COMMUNICATION, ET CIRCUIT INTEGRE**
[72] TSUBOI, HIDEKAZU, JP
[72] YAMADA, SHOHEI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[72] TAKAHASHI, HIROKI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[85] 2019-09-13
[86] 2018-03-20 (PCT/JP2018/011030)
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[30] JP (2017-055588) 2017-03-22

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[25] EN
[54] **ANTI-IGF-I RECEPTOR ANTIBODY**
[54] **ANTICORPS ANTI-RECEPTEUR IGF-I**
[72] EGUCHI, HIROSHI, JP
[72] TANOKURA, AKIRA, JP
[72] TAKAGI, KENICHIRO, JP
[72] KATO, HIROTSUGU, JP
[72] YAMAMURA, SATOSHI, JP
[72] NAMIKI, NAOKO, JP
[71] TEIJIN PHARMA LIMITED, JP
[85] 2019-09-13
[86] 2018-05-29 (PCT/JP2018/020581)
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[30] JP (2017-106529) 2017-05-30

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[51] **Int.Cl. A23L 5/00 (2016.01) A23L 5/30 (2016.01) A23L 19/00 (2016.01) A23L 27/00 (2016.01) A23L 27/10 (2016.01)**
[25] EN
[54] **PASTE CONTAINING FINE FOOD PARTICLES, AND METHOD FOR PRODUCING SAME**
[54] **PATE CONTENANT DES MICROPARTICULES ALIMENTAIRES ET SON PROCEDE DE PRODUCTION**
[72] HIGUCHI, TATSUYA, JP
[72] IHARA, JUNICHIRO, JP
[71] MIZKAN HOLDINGS CO., LTD., JP
[85] 2019-09-13
[86] 2018-07-03 (PCT/JP2018/025135)
[87] (WO2019/138596)
[30] JP (2018-003783) 2018-01-12

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[51] **Int.Cl. B28B 1/52 (2006.01) C04B 14/18 (2006.01) C04B 14/20 (2006.01) C04B 14/38 (2006.01) C04B 16/08 (2006.01) C04B 18/10 (2006.01) C04B 18/26 (2006.01) C04B 28/02 (2006.01) E04F 13/08 (2006.01) E04F 13/14 (2006.01)**
[25] EN
[54] **BUILDING MATERIAL AND METHOD FOR MANUFACTURING BUILDING MATERIAL**
[54] **MATERIAU DE CONSTRUCTION ET PROCEDE DE FABRICATION D'UN MATERIAU DE CONSTRUCTION**
[72] IKEDA , SATOSHI, JP
[72] YOSHIDA , KAZUHISA, JP
[72] NISHIOKA , HIDENORI, JP
[72] SUGIMOTO , AKIHIRO, JP
[71] NICHIHA CORPORATION, JP
[85] 2019-09-13
[86] 2018-09-07 (PCT/JP2018/033321)
[87] (WO2019/065167)
[30] JP (2017-192260) 2017-09-30

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[51] **Int.Cl. G21F 9/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PURIFYING NUCLEAR REACTOR COOLANT RADIOACTIVE MATERIAL/ADJUSTING PH**
[54] **DISPOSITIF ET PROCEDE D'AJUSTEMENT DE PH/DE PURIFICATION DE MATERIAU RADIOACTIF DE REFRIGERANT DE REACTEUR NUCLEAIRE**
[72] KIM, HAN GUN, KR
[72] KIM, DUK YONG, KR
[72] KIM, HANG JUN, KR
[71] CELLGENTEK CO., LTD, KR
[85] 2019-09-13
[86] 2017-05-26 (PCT/KR2017/005540)
[87] (WO2018/169130)
[30] KR (10-2017-0033117) 2017-03-16

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[51] **Int.Cl. H04L 1/18 (2006.01) H04L 1/16 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE BY WHICH TERMINAL RECEIVES DATA IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET DISPOSITIF PERMETTANT A UN TERMINAL DE RECEVOIR DES DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] MYUNG, SECHANG, KR
[72] KIM, SEONWOOK, KR
[72] PARK, HANJUN, KR
[72] AHN, JOONKUI, KR
[72] YANG, SUCKCHEL, KR
[71] LG ELECTRONICS INC., KR
[85] 2019-09-13
[86] 2018-03-16 (PCT/KR2018/003105)
[87] (WO2018/169355)
[30] US (62/472,601) 2017-03-17
[30] US (62/475,863) 2017-03-24
[30] US (62/501,082) 2017-05-03
[30] US (62/505,982) 2017-05-14

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/00 (2006.01) C12N 5/16 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANTIBODY BINDING SPECIFICALLY TO MUC1 AND USE THEREOF**
[54] **ANTICORPS SE LIANT SPECIFIQUEMENT A MUC1 ET SON UTILISATION**
[72] MOON, KYUNG DUK, KR
[72] CHOI, HO IL, KR
[71] PEPTRON, INC., KR
[85] 2019-09-13
[86] 2018-03-21 (PCT/KR2018/003267)
[87] (WO2018/174544)
[30] KR (10-2017-0035622) 2017-03-21
[30] KR (10-2018-0032592) 2018-03-21

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[13] A1
[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **A METHOD OF DEGHOSTING SEISMIC DATA**
[54] **PROCEDE DE DEPARASITAGE DE DONNEES SISMIQUES**
[72] WESTERDAHL, HARALD, NO
[72] KING, BEN, NO
[72] GUTTORMSEN, MARIT STUSTAD, NO
[72] OSTMO, SVEND, NO
[71] EQUINOR ENERGY AS, NO
[85] 2019-09-13
[86] 2018-03-19 (PCT/NO2018/050077)
[87] (WO2018/169413)
[30] GB (1704290.4) 2017-03-17

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE DISTRIBUTION DISPOSITION, SYSTEM WITH SAID DISPOSITION AND PROCESS OF OPERATION OF SAID SYSTEM**
[54] **AGENCEMENT DE DISTRIBUTION DE BOISSONS, SYSTEME COMPRENANT LEDIT AGENCEMENT ET PROCEDE DE FONCTIONNEMENT DUDIT SYSTEME**
[72] NABEIRO, RUI MIGUEL, PT
[72] MEDINA MUNDT, JESUS, PT
[71] NOVADELTA - COMERCIO E INDUSTRIA DE CAFES, S.A., PT
[85] 2019-09-13
[86] 2018-03-16 (PCT/PT2018/050009)
[87] (WO2018/169425)
[30] PT (109975) 2017-03-17

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/06 (2006.01) A47J 31/36 (2006.01) A47J 31/40 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION APPARATUS OF COMPACT CONSTRUCTION AND PROCESS OF OPERATION OF SAID APPARATUS**
[54] **APPAREIL DE PREPARATION DE BOISSONS A STRUCTURE COMPACTE ET PROCEDE DE FONCTIONNEMENT DUDIT APPAREIL**
[72] NABEIRO, RUI MIGUEL, PT
[72] MEDINA MUNDT, JESUS, PT
[71] NOVADELTA - COMERCIO E INDUSTRIA DE CAFES, S.A., PT
[85] 2019-09-13
[86] 2018-03-16 (PCT/PT2018/050010)
[87] (WO2018/169426)
[30] PT (109976) 2017-03-17

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[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/06 (2006.01) A47J 31/36 (2006.01) A47J 31/40 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION APPARATUS OF SIMPLIFIED ACTUATION AND PROCESS OF OPERATION OF SAID APPARATUS**
[54] **APPAREIL DE PREPARATION DE BOISSONS A ACTIONNEMENT SIMPLIFIE ET PROCEDE DE FONCTIONNEMENT DUDIT APPAREIL**
[72] NABEIRO, RUI MIGUEL, PT
[72] MEDINA MUNDT, JESUS, PT
[71] NOVADELTA - COMERCIO E INDUSTRIA DE CAFES, S.A., PT
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[86] 2018-03-16 (PCT/PT2018/050011)
[87] (WO2018/169427)
[30] PT (109977) 2017-03-17

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[51] **Int.Cl. F25J 1/02 (2006.01)**
[25] EN
[54] **ARTIC CASCADE METHOD FOR NATURAL GAS LIQUEFACTION IN A HIGH-PRESSURE CYCLE WITH PRE-COOLING BY ETHANE AND SUB-COOLING BY NITROGEN, AND A PLANT FOR ITS IMPLEMENTATION**
[54] **INSTALLATION ET PROCEDE DE LIQUEFACTION DE GAZ NATUREL**
[72] MINIGULOV, RAFAIL MINIGULOVICH, RU
[72] RUDENKO, SERGEI VLADIMIROVICH, RU
[72] VASIN, OLEG EVGENIEVICH, RU
[72] GRITSISHIN, DMITRY NIKOLAEVICH, RU
[72] SOBOLEV, EVGENY IGOREVICH, RU
[71] PUBLICHNOE AKTSIONERNOE OBSHCHESTVO "NOVATEK", RU
[85] 2019-09-13
[86] 2017-08-10 (PCT/RU2017/000585)
[87] (WO2018/169437)
[30] RU (2017108800) 2017-03-16

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[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) C22C 1/10 (2006.01) C22C 19/07 (2006.01) C22C 32/00 (2006.01)**
[25] EN
[54] **HIGH CARBON CONTENT COBALT-BASED ALLOY**
[54] **ALLIAGE A BASE DE COBALT A HAUTE TENEUR EN CARBONE**
[72] BESTE, ULRIK, SE
[71] VBN COMPONENTS AB, SE
[85] 2019-09-13
[86] 2018-03-14 (PCT/SE2018/050251)
[87] (WO2018/169477)
[30] SE (1750298-0) 2017-03-14
[30] SE (1750299-8) 2017-03-14
[30] SE (1750300-4) 2017-03-14

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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 56/00 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **DETERMINING STARTING POSTIONS FOR UPLINK TRANSMISSIONS**
[54] **DETERMINATION DE POSITIONS DE DEPART POUR TRANSMISSIONS EN LIAISON MONTANTE**
[72] DAHLMAN, ERIK, SE
[72] BALDEMAIR, ROBERT, SE
[72] PARKVALL, STEFAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2019-09-13
[86] 2018-03-26 (PCT/SE2018/050316)
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[54] **COMPOSES POUR LE TRAITEMENT DE LA TUBERCULOSE**
[72] GRUBER, GERHARD, SG
[72] BATES, RODERICK WAYLAND, SG
[72] HOTRA, ADAM, SG
[72] DICK, THOMAS, SG
[72] PETHE, KEVIN, SG
[71] NANYANG TECHNOLOGICAL UNIVERSITY, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[25] EN
[54] **STIMULATORY CELL LINES FOR EX VIVO EXPANSION AND ACTIVATION OF NATURAL KILLER CELLS**
[54] **LIGNEES CELLULAIRES STIMULATRICES POUR L'EXPANSION ET L'ACTIVATION EX VIVO DE CELLULES TUEUSES NATURELLES**
[72] KAMIYA, TAKAHIRO, SG
[72] CAMPANA, DARIO, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[54] **IMPROVED METHOD FOR USING ELECTROCHEMICAL BIOREACTOR MODULE WITH RECOVERY OF COFACTOR**
[54] **PROCEDE AMELIORE D'UTILISATION DE MODULE DE BIOREACTEUR ELECTROCHIMIQUE A RECUPERATION DE COFACTEUR**
[72] MORRISON, CLIFFORD S., US
[72] ARMIGER, WILLIAM B., US
[72] DODDS, DAVID R., US
[72] KOFFAS, MATTHEOS, US
[71] BIOCHEMINSIGHTS, INC., US
[85] 2019-09-13
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[54] **WIRELESS DEVICE DETECTION, TRACKING, AND AUTHENTICATION PLATFORM AND TECHNIQUES**
[54] **PLATEFORME ET TECHNIQUES DE DETECTION, DE SUIVI ET D'AUTHENTIFICATION DE DISPOSITIF SANS FIL**
[72] THORESEN, LUCAS, US
[72] COHEN, JOSHUA, US
[71] SCRRD, INC., US
[85] 2019-09-13
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[54] **MULTIPHASE, COLD-ROLLED ULTRA-HIGH STRENGTH STEEL**
[54] **ACIER A PLUSIEURS PHASES ET A ULTRA-HAUTE RESISTANCE LAMINE A FROID**
[72] SUN, WEIPING, US
[71] NUCOR CORPORATION, US
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[25] EN
[54] **INTEGRATING CIRCUIT ELEMENTS IN A STACKED QUANTUM COMPUTING DEVICE**
[54] **INTEGRATION D'ELEMENTS DE CIRCUIT DANS UN DISPOSITIF INFORMATIQUE QUANTIQUE EMPILE**
[72] KELLY, JULIAN SHAW, US
[72] MUTUS, JOSHUA YOUSOUF, US
[71] GOOGLE LLC, US
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[86] 2017-12-12 (PCT/US2017/065668)
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[54] **INTEGRATION D'ELEMENTS DE CIRCUIT DANS UN DISPOSITIF INFORMATIQUE QUANTIQUE EMPILE**
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[72] MUTUS, JOSHUA YOUSOUF, US
[71] GOOGLE LLC, US
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[54] **COMPOSITIONS DE PIEGEAGE D'OXYGENE DOUBLE NE NECESSITANT PAS DE PERIODE D'INDUCTION**
[72] AKKAPEDDI, MURALI K., US
[72] LYNCH, BRIAN A., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **SYSTEMS AND METHODS FOR ENABLING REPLAY OF INTERNET CO-BROWSING**
[54] **SYSTEMES ET PROCEDES DESTINES A PERMETTRE LA RELECTURE DE CONAVIGATION INTERNET**
[72] HANDRIGAN, BRIAN DAVID, US
[72] COMISO, MARK DAVID, US
[72] MARKOWSKI, ELDON SPENCER, US
[72] ALBERS, BUD, US
[72] ALSTADT, DANIEL, US
[72] WILCOX, DAVID, US
[72] VINCENT, RYAN, US
[71] RECURSIVE LABS, INC., US
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[54] **MULTI-CHANNEL COMPRESSIVE SENSING-BASED OBJECT RECOGNITION**
[54] **RECONNAISSANCE D'OBJET A BASE DE DETECTION DE COMPRESSION MULTICANAL**
[72] KADAMBE, SHUBHA, US
[72] SPARIOSU, KALIN, US
[72] SOTELO, JUAN C., US
[71] RAYTHEON COMPANY, US
[85] 2019-09-13
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[54] **SYNTHEKINE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE SYNTHEKINE ET PROCEDES D'UTILISATION**
[72] GONZALEZ, IGNACIO MORAGA, US
[72] GARCIA, KENAN CHRISTOPHER, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2019-09-13
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[54] **SYSTEM AND METHOD FOR IDENTIFYING LEAKED DATA AND ASSIGNING GUILT TO A SUSPECTED LEAKER**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE DONNEES DE FUITE ET D'ATTRIBUTION DE CULPABILITE A UNE PERSONNE SOUPCONNEE DE FUITES**
[72] COLMAN, ARTHUR, US
[72] POWERS, CHIVON, US
[72] LEUNG, TSZ LING CHRISTINA, US
[72] ROSE, MARTIN, US
[72] LEBARON, MATT, US
[71] LIVERAMP, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR PRODUCING HYDROGEN USING AN OXYGEN TRANSPORT MEMBRANE BASED REFORMING SYSTEM**
[54] **METHODE ET SYSTEME POUR LA PRODUCTION D'HYDROGENE UTILISANT UN SYSTEME DE REFORMAGE A BASE D'UNE MEMBRANE DE TRANSPORT D'OXYGENE**
[72] CHAKRAVARTI, SHRIKAR, US
[72] STUCKERT, INES C., US
[71] PRAXAIR TECHNOLOGY, INC., US
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[54] **LABELING, ISOLATION, & ANALYSIS OF RNA FROM RARE CELL POPULATIONS**
[54] **MARQUAGE, ISOLEMENT ET ANALYSE DE L'ARN DE POPULATIONS CELLULAIRES RARES**
[72] BASNET, HARIHAR, US
[72] MASSAGUE, JOAN, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **PRODUCTION ENZYMATIQUE D'HEXOSES**
[72] WICHELECKI, DANIEL JOSEPH, US
[72] ROGERS, EDWIN O., US
[71] BONUMOSE LLC, US
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[54] **METALIZED FABRIC HEATING BLANKET AND METHOD OF MANUFACTURING SUCH**
[54] **COUVERTURE CHAUFFANTE EN TISSU METALLISE ET SON PROCEDE DE FABRICATION**
[72] HOWARD, ERIC JAMES, US
[72] TERRELL, KELLEY, US
[72] BERAN, MARK, US
[71] ENCOMPASS GROUP, LLC, US
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[54] **PIPELINE SAMPLER**
[54] **ECHANTILLONNEUR DE PIPELINE**
[72] STOLZ, ERIC, US
[72] NOWAK, DAVID, US
[71] SENTRY EQUIPMENT CORPORATION, US
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[30] US (15/459,247) 2017-03-15

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[51] **Int.Cl. H05B 6/64 (2006.01) B65D 81/34 (2006.01) H05B 6/78 (2006.01)**
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[54] **ENERGY CONTROL ELEMENTS FOR IMPROVED MICROWAVE HEATING OF PACKAGED ARTICLES**
[54] **ELEMENTS DE REGULATION D'ENERGIE DE CHAUFFAGE PAR MICRO-ONDES AMELIORE D'ARTICLES EMBALLES**
[72] KIMREY, HAROLD DAIL, JR., US
[72] SPIZZIRRI, LORA NICOLETTE, US
[72] ZHANG, LI, US
[72] BEHRINGER, DAVID, US
[72] RAIDER, MATTHEW, US
[71] 915 LABS, LLC, US
[85] 2019-09-13
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[25] EN
[54] **ENGRAFTABLE CELL-BASED IMMUNOTHERAPY FOR LONG-TERM DELIVERY OF THERAPEUTIC PROTEINS**
[54] **IMMUNOTHERAPIE A BASE DE CELLULES POUVANT ETRE GREFFEES POUR L'ADMINISTRATION SUR UNE LONGUE PERIODE DE PROTEINES THERAPEUTIQUES**
[72] RAWLINGS, DAVID J., US
[72] JAMES, RICHARD, US
[72] JACKSON, SHAUN W., US
[72] KHAN, IRAM, US
[72] HUNG, KING, US
[71] SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE), US
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[86] 2018-03-14 (PCT/US2018/022469)
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[54] **RECOMBINANT MATURE COMPLEMENT FACTOR I**
[54] **FACTEUR DU COMPLEMENT MATURE I RECOMBINANT**
[72] KAVANAGH, DAVID, GB
[72] MARCHBANK, KEVIN, GB
[71] GEMINI THERAPEUTICS, US
[85] 2019-09-13
[86] 2018-03-14 (PCT/US2018/022471)
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[30] GB (1704071.8) 2017-03-14

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[54] **ANALOGS OF DEUTETRABENAZINE, THEIR PREPARATION AND USE**
[54] **ANALOGUES DE DEUTETRABENAZINE, LEUR PREPARATION ET LEUR UTILISATION**
[72] ZHANG, CHENGZI, US
[72] KERR, JIM, US
[71] AUSPEX PHARMACEUTICALS, INC., US
[85] 2019-09-13
[86] 2018-03-15 (PCT/US2018/022562)
[87] (WO2018/170214)
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 31/225 (2006.01) A61K 31/23 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS HAVING HIGH DRUG LOADINGS OF MEDIUM CHAIN TRIGLYCERIDES AND METHODS RELATED THERETO**
[54] **COMPOSITIONS PHARMACEUTIQUES AYANT DES CHARGES DE MEDICAMENT ELEVEES A BASE DE TRIGLYCERIDES A CHAINE MOYENNE ET METHODES ASSOCIEES**
[72] BADENOCH, AARON M., US
[72] BOIVIN, TARYN, CA
[72] DUBOSE, DEVON B., US
[72] HENDERSON, SAMUEL T., US
[72] HOSTETLER, CHRISTI LYNN, US
[72] LYON, DAVID K., US
[72] SATHER, CRAIG A., US
[72] SHAFFER, MATTHEW J., US
[71] CERECIN INC., US
[85] 2019-09-13
[86] 2018-03-15 (PCT/US2018/022594)
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[51] **Int.Cl. C07K 14/47 (2006.01) C12N 15/113 (2010.01) C12N 15/85 (2006.01)**
[25] EN
[54] **METHODS OF TREATING LYSOSOMAL DISORDERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES DU STOCKAGE LYSOSOMAL**
[72] CHERQUI, STEPHANIE, US
[72] ADLER, ERIC, US
[72] EVANS, SYLVIA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2019-09-13
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[30] US (62/507,713) 2017-05-17

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[54] **RE-CLOSABLE COIL ACTIVATED FRACK SLEEVE**
[54] **MANCHON DE FRACTURATION ACTIVE PAR BOBINE REFERMABLE**
[72] KOCH, JEFFREY B, CA
[72] LUFT, DAVID A., CA
[72] RAPIN, EDWARD A., CA
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-09-13
[86] 2018-03-15 (PCT/US2018/022749)
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[54] **PRECISION HIGH FREQUENCY PHASE ADDERS**
[54] **ADDITIONNEURS DE PHASE HAUTE FREQUENCE DE PRECISION**
[72] BANU, MIHAI, US
[72] FENG, YIPING, US
[71] BLUE DANUBE SYSTEMS, INC., US
[85] 2019-09-13
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[87] (WO2018/175194)
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[25] EN
[54] **NONDESTRUCTIVE PIPE REFURBISHMENT IN CONFINED SPACES**
[54] **REMISE EN ETAT NON DESTRUCTIVE DE TUYAU DANS DES ESPACES CONFINES**
[72] THOMPSON, ROGER W., US
[71] TITAN CMP SOLUTIONS LLC, US
[85] 2019-09-13
[86] 2018-03-15 (PCT/US2018/022636)
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[54] **IMMUNOTOLERANCE CIBLEE**
[72] VINEY, JOANNE L., US
[72] HIGGINSON-SCOTT, NATHAN, US
[72] BENSON, MICAH, US
[72] CRANE, ALAN, US
[71] PANDION THERAPEUTICS, INC., US
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[86] 2018-03-15 (PCT/US2018/022675)
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[30] US (62/471,509) 2017-03-15

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[51] **Int.Cl. A61K 35/13 (2015.01) C12N 5/0783 (2010.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/705 (2006.01)**
[25] EN
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[54] **AMORCAGE IN VIVO DE CELLULES TUEUSES NATURELLES**
[72] TESI, RAYMOND J., US
[72] MOSS, DAVID, US
[71] IMMUNE VENTURES, LLC, US
[85] 2019-09-13
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[30] US (62/471,953) 2017-03-15

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[51] **Int.Cl. A01N 59/06 (2006.01) B01J 20/12 (2006.01) B01J 20/28 (2006.01) B01J 20/283 (2006.01) C02F 1/28 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR TREATING WATER**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE L'EAU**
[72] BIZA, PETER, FR
[72] JONES, PHILIP, US
[72] CUMMINGS, DAVID, US
[72] LYONS, ANTHONY, US
[72] BOOTHBY, CHRISTOPHER, US
[72] DE SAILLY, MARC, US
[71] IMERYS USA, INC., US
[85] 2019-09-13
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[87] (WO2018/170344)
[30] US (62/473,060) 2017-03-17

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[51] **Int.Cl. H02J 3/38 (2006.01)**
[25] EN
[54] **MICRO INVERTER AND CONTROLLER**
[54] **MICRO-ONDULEUR ET CONTROLEUR**
[72] JUAREZ, IGNACIO, US
[71] JUAREZ, IGNACIO, US
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[86] 2018-03-16 (PCT/US2018/022811)
[87] (WO2018/170368)
[30] US (62/472,469) 2017-03-16

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[54] **MODELE HOMOGENE DE DONNEES DE CYCLE DE VIE DE PRODUIT HETEROGENE**
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[72] DALLORO, LIVIO, US
[72] MUENZEL, GEORG, US
[72] QUIROS ARAYA, GUSTAVO, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **INHALATEUR ET SES METHODES D'UTILISATION ET DE FABRICATION**
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[72] RABINNE, BRUCE, FR
[72] KATAOKA, YUTAKA, SE
[71] CSP TECHNOLOGIES, INC., US
[71] SIMPLIFIED SOLUTIONS SWEDEN AB, SE
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[54] **ADENO-ASSOCIATED VIRUS VECTOR DELIVERY OF MUSCLE SPECIFIC MICRO-DYSTROPHIN TO TREAT MUSCULAR DYSTROPHY**
[54] **ADMINISTRATION PAR VECTEUR A VIRUS ADENO-ASSOCIE DE MICRO-DYSTROPHINE SPECIFIQUE DU MUSCLE POUR TRAITER LA DYSTROPHIE MUSCULAIRE**
[72] RODINO-KLAPAC, LOUISE, US
[72] MENDELL, JERRY R., US
[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **INTEGRATED AQUEOUS SHUNT FOR GLAUCOMA TREATMENT**
[54] **SHUNT AQUEUX INTEGRE POUR LE TRAITEMENT DU GLAUCOME**
[72] ROEBER, PETER J., US
[72] TOWLER, JEFFREY C., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **SYSTEMS AND METHODS FOR PROCESSING OBJECTS INCLUDING A LINEAR GANTRY SYSTEM**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT UN SYSTEME DE PORTIQUE LINEAIRE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, JR., US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] HINCHEY, VICTORIA, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY, INC., US
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[54] **INHIBITORS OF KINASE NETWORKS AND USES THEREOF**
[54] **INHIBITEURS DE RESEAUX DE KINASE ET LEURS UTILISATIONS**
[72] SINTIM, HERMAN O., US
[72] DAYAL, NEETU, IN
[72] OPOKU-TEMENG, CLEMENT, US
[71] PURDUE RESEARCH FOUNDATION, US
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[54] **DELIVERY AIDS FOR GLAUCOMA SHUNTS**
[54] **AUXILIAIRES DE POSE POUR VALVES A GLAUCOME**
[72] ROEBER, PETER J., US
[72] TOWLER, JEFFREY C., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DU GLAUCOME**
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[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **FERRATE COMPOSITIONS FOR SURFACE DISINFECTION**
[54] **COMPOSITIONS DE FERRATE POUR DESINFECTION DE SURFACE**
[72] SHARMA, VIRENDER K., US
[72] JINADATHA, CHETAN, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
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[54] **METHODS OF IDENTIFYING AND CHARACTERIZING GENE EDITING VARIATIONS IN NUCLEIC ACIDS**
[54] **PROCEDES D'IDENTIFICATION ET DE CARACTERISATION DE VARIATIONS D'EDITION DE GENES DANS DES ACIDES NUCLEIQUES**
[72] BEATTY, MARY, US
[72] CHILCOAT, NICHOLAS DOANE, US
[72] DESCHAMPS, STEPHANE, US
[72] MAY, GREGORY D., US
[72] ZASTROW-HAYES, GINA MARIE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **SYSTEMS AND METHODS FOR POST-TREATMENT OF DRY ADHESIVE MICROSTRUCTURES**
[54] **SYSTEMES ET PROCEDES DE POST-TRAITEMENT DE MICROSTRUCTURES ADHESIVES SECHES**
[72] DADKHAH TEHRANI, MOHAMMAD, US
[72] WETTELS, NICHOLAS, US
[71] PERCEPTION ROBOTICS, INC., US
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[54] **MULTI-LAYER UNITARY ABSORBENT STRUCTURES**
[54] **STRUCTURES ABSORBANTES UNITAIRES MULTICOUCHES**
[72] DUTKIEWICZ, JACEK K., US
[71] GEORGIA-PACIFIC NONWOVENS LLC, US
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[54] **PROCEDES DE TRAITEMENTS DE MALADIES RETINIENNES**
[72] CUZZANI, OSCAR, US
[72] BINETTE, FRANCOIS, US
[72] HOGGE, GARY, US
[72] GUREVICH, MARIA, IL
[72] NETZER, NIR, IL
[72] COHEN, OHAD, IL
[72] SKALITER, RAMI, IL
[71] BIO TIME, INC., US
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[25] EN
[54] **METHODS OF USING GIANT CELL NUCLEIC ACID CHARACTERIZATION IN CANCER SCREENING, DIAGNOSTICS, TREATMENT AND RECURRENCE**
[54] **PROCEDES D'UTILISATION D'UNE CARACTERISATION D'ACIDES NUCLEIQUES DE CELLULES GEANTES DANS LE DEPISTAGE, LE DIAGNOSTIC, LE TRAITEMENT ET LA RECURRENCE DU CANCER**
[72] ADAMS, DANIEL, US
[72] TANG, CHA-MEI, US
[71] CREATV MICROTECH, INC., US
[85] 2019-09-13
[86] 2018-04-02 (PCT/US2018/025680)
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[54] **TIDAL INHALER ADAPTIVE DOSING**
[54] **DOSAGE ADAPTATIF D'INHALATEUR A VOLUME COURANT**
[72] WEITZEL, DOUGLAS, US
[72] AKOUKA, HENRI, US
[72] MORRISON, MARK, US
[71] MICRODOSE THERAPEUTX, INC., US
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[54] **METHOD AND SYSTEM FOR TRACKING EYE MOVEMENT IN CONJUNCTION WITH A LIGHT SCANNING PROJECTOR**
[54] **PROCEDE ET SYSTEME DE SUIVI DU MOUVEMENT DES YEUX AU MOYEN D'UN PROJECTEUR A BALAYAGE DE LUMIERE**
[72] SCHOWENGERDT, BRIAN T., US
[72] WATSON, MATHEW D., US
[72] FRANK, SCOTT, US
[72] MELVILLE, CHARLES DAVID, US
[71] MAGIC LEAP, INC., US
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[54] **NEURAL NETWORK PROCESSOR USING COMPRESSION AND DECOMPRESSION OF ACTIVATION DATA TO REDUCE MEMORY BANDWIDTH UTILIZATION**
[54] **PROCESSEUR DE RESEAU NEURONAL UTILISANT LA COMPRESSION ET LA DECOMPRESSION DE DONNEES D'ACTIVATION POUR REDUIRE L'UTILISATION DE LA BANDE PASSANTE DE MEMOIRE**
[72] CORKERY, JOSEPH LEON, US
[72] LUNDELL, BENJAMIN ELIOT, US
[72] WALL, LARRY MARVIN, US
[72] MCBRIDE, CHAD BALLING, US
[72] AMBARDEKAR, AMOL ASHOK, US
[72] PETRE, GEORGE, US
[72] CEDOLA, KENT D., US
[72] BOBROV, BORIS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **EXPANDABLE ELASTOMERIC SEALING LAYER FOR A RIGID SEALING DEVICE**
[54] **COUCHE EXPANSIBLE D'ETANCHEITE EN ELASTOMERE POUR UN DISPOSITIF RIGIDE D'ETANCHEITE**
[72] GRECI, STEPHEN MICHAEL, US
[72] FRIPP, MICHAEL LINLEY, US
[72] DAGENAIS, PETE CLEMENT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FORMULATION D'ALCOOL STEARYLIQUE**
[72] PATHAK, PANKAJ, US
[72] BODDY, LOUIS, US
[71] MARRONE BIO INNOVATIONS, INC., US
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[54] **SYSTEMS AND METHODS FOR EVALUATING TOXIC GAS SENSORS USING ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY**
[54] **SYSTEMES ET PROCEDES D'EVALUATION DE CAPTEURS DE GAZ TOXIQUES EMPLOYANT UNE SPECTROSCOPIE D'IMPEDANCE ELECTROCHIMIQUE**
[72] DINSMORE, JONATHAN ERIC, US
[71] INDUSTRIAL SCIENTIFIC CORPORATION, US
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[54] **PREPREG AND FIBER-REINFORCED COMPOSITE MATERIAL**
[54] **PREIMPREGNE ET MATERIAU COMPOSITE RENFORCE DE FIBRES**
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[72] NOHARA, ATSUSHI, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2019-09-13
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[54] **APPARATUS, METHOD AND SYSTEM FOR MEASURING THE INFLUENCE OF OPHTHALMIC LENS DESIGN**
[54] **APPAREIL, PROCEDE ET SYSTEME DE MESURE DE L'INFLUENCE D'UNE CONCEPTION DE LENTILLE OPHTALMIQUE**
[72] COLLINS, MICHAEL JOHN, AU
[72] DAVIS, BRETT ASHLEY, AU
[72] YI, FAN, AU
[71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU
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[54] **COMPOSITION CONTENANT DES COMPLEXES MICROPARTICULAIRES D'ALIMENT, ET SON PROCEDE DE PRODUCTION**
[72] HIGUCHI, TATSUYA, JP
[72] IHARA, JUNICHIRO, JP
[71] MIZKAN HOLDINGS CO., LTD., JP
[85] 2019-09-13
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[25] EN
[54] **ANTIGEN DISCOVERY FOR T CELL RECEPTORS ISOLATED FROM PATIENT TUMORS RECOGNIZING WILD-TYPE ANTIGENS AND POTENT PEPTIDE MIMOTOPES**
[54] **DECOUVERTE D'ANTIGENE POUR DES RECEPTEURS DE LYMPHOCYTES T ISOLES A PARTIR DE TUMEURS DE PATIENT RECONNAISSANT DES ANTIGENES DE TYPE SAUVAGE ET DES MIMOTOPES PEPTIDIQUES PUISSANTS**
[72] GEE, MARVIN, US
[72] DAVIS, MARK M., US
[72] HAN, ARNOLD, US
[72] GARCIA, KENAN CHRISTOPHER, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **PROCEDES ET SYSTEMES DE MESURE DE LA QUALITE D'IMAGE**
[72] ZHAO, HUAWEI, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
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[54] **MONOMERES D'ACIDE NUCLEIQUE PEPTIDIQUE (ANP) AVEC UNE FRACTION ESTER A PROTECTION ORTHOGONALE**
[72] COULL, JAMES M., US
[72] GILDEA, BRIAN D., US
[71] TRUCODE GENE REPAIR, INC., US
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[30] US (62/533,582) 2017-07-17
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[54] **BONE MARROW MICROFLUIDIC DEVICES AND METHODS FOR PREPARING AND USING THE SAME**
[54] **DISPOSITIFS MICROFLUIDIQUES DE MOELLE OSSEUSE ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] CHOU, DAVID BENSON, US
[72] LEIJTEN, LILIANA S. TEIXEIRA MOREIRA, NL
[72] RECH, ARIANNA, GB
[72] NOVAK, RICHARD, US
[72] INGBER, DONALD E., US
[72] MILTON, YUKA, US
[72] FRISMANTAS, VIKTORAS, US
[72] LEVY, OREN, US
[71] PRESIDENT AND FELLLOWS OF HARVARD COLLEGE, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] PRESIDENT AND FELLLOWS OF HARVARD COLLEGE, US
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[54] **PRESENCE D'ENCRE EN DIRECT POUR COLLABORATION EN TEMPS REEL**
[72] RODRIGUES, MAVIS NATASHA, US
[72] TARON, MICHAEL EUGENE, US
[72] MIKUTEL, IAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[30] US (62/485,936) 2017-04-15
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[54] **SYSTEME D'ASSURANCE AMELIORE**
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[71] RANDALL INNOVATIONS PTY LTD, AU
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[54] **TRAITEMENT D'ASSOCIATION POUR LE TRAITEMENT OU LA PREVENTION DE TUMEURS**
[72] REDDELL, PAUL WARREN, AU
[72] CULLEN, JASON KINGSLEY, AU
[72] BOYLE, GLEN MATHEW, AU
[72] PARSONS, PETER GORDON, AU
[72] GORDON, VICTORIA ANNE, AU
[71] QBIOTICS PTY LTD, AU
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[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR TREATING SWOLLEN VASCULAR STRUCTURES**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE TRAITEMENT DE STRUCTURES VASCULAIRES GONFLEES**
[72] OLIVEIRA, ENIO CHAVES DE, BR
[72] BAFUTTO, MAURO, BR
[71] OLIVEIRA, ENIO CHAVES DE, BR
[71] BAFUTTO, MAURO, BR
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[54] **DATA TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE**
[54] **PROCEDE DE TRANSMISSION DE DONNEES, DISPOSITIF TERMINAL ET DISPOSITIF RESEAU**
[72] LIN, YANAN, CN
[72] XU, HUA, CA
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **PROCEDE, DISPOSITIF, ET SYSTEME DE CONFIGURATION DE DIRECTION DE TRANSMISSION**
[72] ZHANG, LILI, CN
[72] LI, GUORONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **ARTICLE DE CUISINE ET POIGNEE D'USTENSILE**
[72] KWONG WAH, LEE, US
[71] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
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[54] **VECTEUR VIRAL DESTINE AU TRAITEMENT D'UNE MALADIE AUTO-IMMUNE ET DU DIABETE ET PROCEDE DE CONSTRUCTION ET APPLICATION ASSOCIES**
[72] ZHAO, ALLAN ZIJIAN, CN
[72] BI, XINYUN, CN
[72] LI, XIAOXI, CN
[72] LI, FANGHONG, CN
[72] LIN, YAN, CN
[71] GUANGZHOU HUAZHEN PHARMACEUTICAL CO., LTD, CN
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[54] **FAILURE PROCESSING METHOD, HANDOVER METHOD, TERMINAL DEVICE, AND NETWORK DEVICE**
[54] **PROCEDE DE TRAITEMENT DE DEFAILLANCE, PROCEDE DE COMMUTATION, DISPOSITIF TERMINAL ET DISPOSITIF RESEAU**
[72] PENG, WENJIE, CN
[72] GUO, YI, CN
[72] DAI, MINGZENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **MEULE A RODER AMELIOREE**
[72] KJAERGAARD, KIM BLUHME, DK
[71] B & J ROCKET SALES AG, CH
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[54] **DETERMINING A CLINICAL TARGET VOLUME**
[54] **DETERMINATION D'UN VOLUME CIBLE CLINIQUE**
[72] WITTE, JENS, DE
[71] BRAINLAB AG, DE
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[54] **HIGH VOLTAGE WINDING AND A HIGH VOLTAGE ELECTROMAGNETIC INDUCTION DEVICE**
[54] **ENROULEMENT HAUTE TENSION ET DISPOSITIF D'INDUCTION ELECTROMAGNETIQUE HAUTE TENSION**
[72] PRADHAN, MANOJ, SE
[72] SHOORY, ABDOLHAMID, CH
[72] EKEBERG, JONAS, CH
[72] BANDAPALLE, VENKATESULU, SE
[72] MURILLO, RAFAEL, ES
[71] ABB SCHWEIZ AG, CH
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[54] **PROCESS FOR MAKING HEPATITIS B CORE PROTEIN MODULATORS**
[54] **PROCEDE DE PRODUCTION DE MODULATEURS DE PROTEINE COEUR DE L'HEPATITE B**
[72] LI, LEPING, US
[72] ARNOLD, LEE D., US
[72] REDDY, SREENIVASA, US
[71] ASSEMBLY BIOSCIENCES, INC., US
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[54] **SYSTEM AND METHOD FOR BRAKING A VEHICLE**
[54] **SYSTEME ET PROCEDE DE FREINAGE D'UN VEHICULE**
[72] NIGLAS, PAUL C., US
[72] TOBER, MICHAEL D., US
[72] HOWELL, DAVID W., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **LUBRICANT COMPOSITIONS CONTAINING HEXENE-BASED OLIGOMERS**
[54] **COMPOSITIONS LUBRIFIANTES CONTENANT DES OLIGOMERES A BASE D'HEXENE**
[72] SMALL, BROOKE L., US
[72] OYERINDE, YEMI, US
[72] BAK, RUSSELL J., US
[72] GEE, JEFF C., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[71] SMALL, BROOKE L., US
[71] OYERINDE, YEMI, US
[71] BAK, RUSSELL J., US
[71] GEE, JEFF C., US
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[54] **RECIPIENT AYANT UNE EPAISSEUR DE PAROI VARIABLE**
[72] GUTEKUNST, BRADY G., US
[72] KENT, JACOB R., US
[72] D'SILVA, KIRAN M., US
[71] BERRY GLOBAL, INC., US
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[86] 2018-03-15 (PCT/US2018/022610)
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[54] **LIQUID BIOPSY FOR CFRNA**
[54] **BIOPSIE LIQUIDE D'ARNAC**
[72] DANENBERG, KATHLEEN, US
[72] RABIZADEH, SHAHROOZ, US
[72] USHER, JOSHUA, US
[72] JAIMES, YOLANDA, US
[71] NANTOMICS, LLC, US
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[30] US (62/473,273) 2017-03-17
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[25] EN
[54] **COMBINATION THERAPIES FOR THE TREATMENT OF BREAST CANCER**
[54] **POLYTHERAPIES POUR LE TRAITEMENT DU CANCER DU SEIN**
[72] KARR, CRAIG D., US
[72] KORPAL, MANAV, US
[72] RIOUX, NATHALIE, US
[72] SMITH, PETER GERARD, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[25] EN
[54] **TUMOR NECROSIS TARGETING COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET METHODES DE CIBLAGE DE NECROSE TUMORALE**
[72] EPSTEIN, ALAN, US
[71] CANCER THERAPEUTICS LABORATORIES, INC., US
[85] 2019-09-13
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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01) C07K 16/30 (2006.01)**
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[54] **HUMANIZED ANTI-NUCLEAR ANTIBODIES FOR TARGETING NECROSIS IN CANCER THERAPY**
[54] **ANTICORPS ANTI-NUCLEAIRES HUMANISES DE CIBLAGE DE NECROSE DANS LE TRAITEMENT DU CANCER**
[72] EPSTEIN, ALAN, US
[72] HU, PEISHENG, US
[71] CANCER THERAPEUTICS LABORATORIES, INC., US
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[54] **DEGAZEUR CENTRIFUGE DE TURBOMACHINE**
[72] FULLERINGER, BENJAMIN, FR
[72] PAJARD, JEAN-PIERRE, FR
[72] CAZAUX, YANNICK, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[25] FR
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[54] **DISPOSITIF POUR LA PRODUCTION D'ENERGIE HYDRO-ELECTRIQUE**
[72] GRANDPERRET, GILLES, FR
[71] GRANDPERRET, GILLES, FR
[85] 2019-09-16
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[54] **VITRAGE FEUILLETE AVEC EMPILEMENT DE COUCHES**
[72] COMPOINT, FRANCOIS, FR
[72] DE GRAZIA, MARCO, FR
[72] DALLE-FERRIER, CECILE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[51] **Int.Cl. A61F 2/16 (2006.01) A61F 2/14 (2006.01) G02C 7/04 (2006.01)**
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[54] **LENTILLES INTRAOCULAIRES DE DIFFRACTION PERMETTANT UNE PLAGE DE VISION ETENDUE**
[72] CANOVAS VIDAL, CARMEN, NL
[72] WEEBER, HENDRIK A., NL
[72] PIERS, PATRICIA ANN, NL
[71] AMO GRONINGEN B.V., NL
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[51] **Int.Cl. G01D 21/00 (2006.01) A61M 1/14 (2006.01) A61M 1/36 (2006.01) G01B 21/00 (2006.01)**
[25] EN
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[54] **EQUIPEMENT DOTE D'UN DISPOSITIF DE DETERMINATION D'UNE CARACTERISTIQUE, EN PARTICULIER GEOMETRIQUE, DE L'EQUIPEMENT**
[72] HEIDE, ALEXANDER, DE
[72] NIKOLIC, DEJAN, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[54] **METHODES D'AMELIORATION DE GREFFES HEMATOPOIETIQUES**
[72] GUYONNEAU-HARMAND, LAURENCE, FR
[72] DESTERKE, CHRISTOPHE, FR
[72] JAFFREDO, THIERRY, FR
[72] CHAPEL, ALAIN, FR
[72] GARCON, LOIC, FR
[72] DOUAY, LUC, FR
[71] ETABLISSEMENT FRANCAIS DU SANG, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE PARIS-SUD 11, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT DE RADIOPROTECTION ET DE SURETE NUCLEAIRE, FR
[71] SORBONNE UNIVERSITE, FR
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[54] **NOUVELLE UTILISATION THERAPEUTIQUE DE LIGANDS H3**
[72] LECOMTE, JEANNE-MARIE, FR
[72] SCHWARTZ, JEAN-CHARLES, FR
[72] LABEEUW, OLIVIER, FR
[72] CAPET, MARC, FR
[71] BIOPROJET PHARMA, FR
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[30] EP (17305309.1) 2017-03-21

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[25] EN
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[54] **IMPLANT DE RECOUVREMENT D'IRIS**
[72] ASSOULINE, MICHAEL, CH
[72] ISARD, PIERRE-FRANCOIS, CH
[72] BOS, GILLES, CH
[72] ENFRUN, DAVID, CH
[72] MAURER, AURELIEN, CH
[71] KEJAKO SA, CH
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[30] EP (17162905.8) 2017-03-24

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[51] **Int.Cl. C07D 231/12 (2006.01) C07C 245/06 (2006.01) C07D 403/04 (2006.01)**
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[54] **SYNTHESIS OF MCL-1 INHIBITOR**
[54] **SYNTHESE D'INHIBITEUR DE MCL-1**
[72] STEWART, CRAIG, GB
[72] HARDY, SIMON, GB
[72] STARK, ANDREW, US
[72] HIRD, ALEXANDER, US
[72] YE, QING, US
[72] ZHENG, XIAOLAN, US
[72] FERRAR, CATI, NL
[72] KOEK, JAN, NL
[72] HAZRA, DEBASIS, US
[71] ASTRAZENECA AB, SE
[85] 2019-09-16
[86] 2018-03-29 (PCT/EP2018/058056)
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[30] US (62/479,493) 2017-03-31

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[54] **SOURCE D'ALIMENTATION ELECTRIQUE POUR UN CHARIOT DE SERVICE DE VEHICULE**
[72] PEREZ, VICTOR ARINO, US
[71] SYSTEMS AND SOFTWARE ENTERPRISES, LLC, US
[85] 2019-09-16
[86] 2018-03-12 (PCT/US2018/022073)
[87] (WO2018/169890)
[30] US (62/472,245) 2017-03-16

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[51] **Int.Cl. E04F 21/02 (2006.01) B65D 21/08 (2006.01) B65D 25/00 (2006.01) E04G 21/02 (2006.01)**
[25] EN
[54] **EXTENSION COLLAR FOR PAILS OF MIXABLE BUILDING MATERIAL**
[54] **COLLIER D'EXTENSION POUR SEAUX DE MATERIAU DE CONSTRUCTION POUVANT ETRE MELANGE**
[72] STEVENS, RICHARD B., JR., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2019-09-16
[86] 2018-03-13 (PCT/US2018/022108)
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[30] US (62/473,067) 2017-03-17
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[25] EN
[54] **COMPOSITIONS OF OLIGOFRUCTOSE AND COMMENSAL MICROORGANISMS AND METHODS THEREOF**
[54] **COMPOSITIONS D'OLIGOFRUCTOSE ET DE MICRO-ORGANISMES COMMENSAUX ET PROCEDES ASSOCIES**
[72] ZUSCIK, MICHAEL, US
[72] SCHOTT, ERIC M., US
[72] MOONEY, ROBERT A., US
[72] FARNSWORTH, CHRISTOPHER W., US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2019-09-16
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[30] US (62/471,586) 2017-03-15

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[51] **Int.Cl. B64D 27/24 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **DISTRIBUTED-BATTERY AERIAL VEHICLE AND A POWERING METHOD THEREFOR**
[54] **VEHICULE AERIEN A BATTERIE DISTRIBUEE ET SON PROCEDE D'ALIMENTATION**
[72] HANNA, MARK HOLBROOK, CA
[72] HANNA, DOUGLAS MORGAN, CA
[71] HANNA, MARK HOLBROOK, CA
[71] HANNA, DOUGLAS MORGAN, CA
[85] 2019-09-16
[86] 2018-03-02 (PCT/CA2018/050252)
[87] (WO2018/184095)
[30] US (62/483,180) 2017-04-07

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/36 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HYBRID BLOCKCHAIN PLATFORM**
[54] **SYSTEMES ET PROCEDES POUR PLATEFORME A CHAINE DE BLOCS HYBRIDE**
[72] ORTIZ, EDISON U., CA
[72] VINTILA, IUSTINA-MIRUNA, RO
[71] ROYAL BANK OF CANADA, CA
[85] 2019-09-16
[86] 2018-03-16 (PCT/CA2018/050318)
[87] (WO2018/165763)
[30] US (62/473,186) 2017-03-17

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[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 35/741 (2015.01) A23L 33/135 (2016.01) A23L 33/195 (2016.01) A61K 38/08 (2019.01) A61K 38/10 (2006.01) A61K 38/16 (2006.01) A61L 15/44 (2006.01) A61L 27/54 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01) A61P 31/04 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01) C07K 14/195 (2006.01) C07K 14/315 (2006.01) C07K 14/335 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS INVOLVING PROBIOTIC MOLECULES**
[54] **COMPOSITIONS ET PROCEDES FAISANT INTERVENIR DES MOLECULES PROBIOTIQUES**
[72] CELLA, MONICA ANGELA, CA
[72] CURTIS, SARAH M., CA
[72] ROEPKE, JONATHON PATRICK, CA
[71] MICROSINTESIS INC., CA
[85] 2019-09-16
[86] 2018-03-16 (PCT/CA2018/050319)
[87] (WO2018/165764)
[30] US (62/472,047) 2017-03-16

[21] **3,056,719**
[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 35/741 (2015.01) A61K 35/744 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A23L 33/135 (2016.01) A23L 33/195 (2016.01) A61L 15/44 (2006.01) A61L 27/54 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01) A61P 17/02 (2006.01) A61P 31/00 (2006.01) C07K 5/10 (2006.01) C07K 7/06 (2006.01) C07K 14/195 (2006.01) C07K 14/315 (2006.01) C07K 14/335 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **PROBIOTIC MOLECULES FOR REDUCING PATHOGEN VIRULENCE**
[54] **MOLECULES PROBIOTIQUES POUR REDUIRE LA VIRULENCE D'AGENTS PATHOGENES**
[72] CELLA, MONICA ANGELA, CA
[72] CURTIS, SARAH M., CA
[72] ROEPKE, JONATHON PATRICK, CA
[71] MICROSINTESIS INC., CA
[85] 2019-09-16
[86] 2018-03-16 (PCT/CA2018/050320)
[87] (WO2018/165765)
[30] US (62/472,061) 2017-03-16

[21] **3,056,720**
[13] A1
[51] **Int.Cl. A63C 11/02 (2006.01) A45F 5/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **SKI STRAP ASSEMBLY AND HANGING DEVICE FOR SKI STRAP**
[54] **ENSEMBLE SANGLE DE SKI ET DISPOSITIF DE SUSPENSION DESTINE A UNE SANGLE DE SKI**
[72] KEOHANE, EDMUND MARK, CA
[72] KLINE, MARK, CA
[71] SKIEZY INC., CA
[85] 2019-09-16
[86] 2018-03-16 (PCT/CA2018/050327)
[87] (WO2018/165770)
[30] US (62/472,142) 2017-03-16

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[13] A1
[51] **Int.Cl. H02K 1/16 (2006.01) H02K 15/02 (2006.01)**
[25] EN
[54] **INSERTS FOR CARRIERS FOR ELECTRIC MACHINES**
[54] **INSERTS POUR SUPPORTS DE MACHINES ELECTRIQUES**
[72] KLASSEN, JAMES BRENT, CA
[71] GENESIS ROBOTICS AND MOTION TECHNOLOGIES CANADA, ULC, CA
[85] 2019-09-16
[86] 2018-05-31 (PCT/CA2018/050649)
[87] (WO2018/218366)
[30] US (62/513,415) 2017-05-31
[30] US (62/513,432) 2017-05-31
[30] US (62/550,680) 2017-08-27
[30] US (62/551,774) 2017-08-29

[21] **3,056,722**
[13] A1
[51] **Int.Cl. B02C 23/08 (2006.01) B02C 23/30 (2006.01)**
[25] EN
[54] **DEVICE FOR COMMINUTING AND DRYING WASTE MATERIALS, SLAGS, ROCKS AND SIMILAR MATERIALS**
[54] **DISPOSITIF DE BROYAGE ET DE SECHAGE DE DECHETS, SCORIES, ROCHES ET MATERIAUX SIMILAIRES**
[72] KOENIG, EGON, LI
[71] LPT AG, LI
[85] 2019-09-16
[86] 2018-02-12 (PCT/EP2018/053429)
[87] (WO2018/177644)
[30] CH (00406/17) 2017-03-27

[21] **3,056,723**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) H04N 5/225 (2006.01) H04N 5/232 (2006.01) H04N 5/247 (2006.01) H04N 5/268 (2006.01)**
[25] EN
[54] **DISPLAY OF THE FIELD OF VIEW OF A VIDEO CAMERA IN THE FIELD OF VIEW OF A HEAD-WEARABLE DISPLAY DEVICE**
[54] **AFFICHAGE DU CHAMP DE VISION D'UNE CAMERA VIDEO DANS LE CHAMP DE VISION D'UN DISPOSITIF D'AFFICHAGE POUVANT ETRE PORTE SUR LA TETE**
[72] VAN GEEL, RONNY, LU
[72] VAN DIJK, BART, LU
[71] GVBB HOLDINGS, S.A.R.L., LU
[85] 2019-09-16
[86] 2018-03-14 (PCT/EP2018/056462)
[87] (WO2018/167183)
[30] US (62/472,466) 2017-03-16
[30] US (15/919,728) 2018-03-13

[21] **3,056,724**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4365 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01) C07D 217/04 (2006.01) C07D 217/06 (2006.01) C07D 401/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 417/12 (2006.01) C07D 491/18 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **COMPOUNDS USEFUL IN THE TREATMENT OR PREVENTION OF A PRMT5-MEDIATED DISORDER**
[54] **COMPOSES UTILES POUR TRAITER OU PREVENIR UN TROUBLE INDUIT PAR PRMT5**
[72] MORLEY, ANDREW, GB
[72] MILLER, REBECCA, GB
[72] LA THANGUE, NICHOLAS, GB
[71] ARGONAUT THERAPEUTICS LIMITED, GB
[85] 2019-09-16
[86] 2018-03-16 (PCT/EP2018/056663)
[87] (WO2018/167269)
[30] GB (1704327.4) 2017-03-17

[21] **3,056,725**
[13] A1
[51] **Int.Cl. C07D 407/12 (2006.01) A61K 31/351 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTICANCER COMPOUNDS**
[54] **COMPOSES ANTICANCEREUX**
[72] CANEDO HERNANDEZ, LIBRADA MARIA, ES
[72] DE LA CALLE VERDU, FERNANDO, ES
[72] RODRIGUEZ RAMOS, MARIA PILAR, ES
[72] SCHLEISSNER SANCHEZ, MARIA DEL CARMEN, ES
[72] ZUNIGA GIRON, PAZ, ES
[71] PHARMA MAR, S.A., ES
[85] 2019-09-16
[86] 2018-03-16 (PCT/EP2018/056665)
[87] (WO2018/167270)
[30] EP (17382140.6) 2017-03-17

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 498/08 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUNDS FOR USE IN TREATMENT OF PROLIFERATIVE DISORDERS**
[54] **COMPOSES TRICYCLIQUES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE TROUBLES PROLIFERATIFS**
[72] MORLEY, ANDREW, GB
[72] MILLER, REBECCA, GB
[72] LA THANGUE, NICHOLAS, GB
[71] ARGONAUT THERAPEUTICS LIMITED, GB
[85] 2019-09-16
[86] 2018-03-16 (PCT/EP2018/056675)
[87] (WO2018/167276)
[30] GB (1704325.8) 2017-03-17

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[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **IMPROVED IMMUNOGENICITY ASSAYS**
[54] **ESSAIS D'IMMUNOGENICITE AMELIORES**
[72] CODDENS, ANNELIES, BE
[72] SNOECK, VEERLE, BE
[72] BUYSE, MARIE-ANGE, BE
[72] BOUTTON, CARLO, BE
[71] ABLYNX N.V., BE
[85] 2019-09-16
[86] 2018-03-29 (PCT/EP2018/058232)
[87] (WO2018/178307)
[30] US (62/479,496) 2017-03-31

[21] **3,056,728**
[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSPORTING UNITS WITHIN A STORAGE FACILITY**
[54] **PROCEDE ET SYSTEME DE TRANSPORT D'UNITES AU SEIN D'UNE INSTALLATION DE STOCKAGE**
[72] ABOU-CHAKRA, JAD, AU
[71] DEMATIC GMBH, DE
[85] 2019-09-16
[86] 2018-04-05 (PCT/EP2018/058751)
[87] (WO2018/185231)
[30] AU (2017901286) 2017-04-07

[21] **3,056,729**
[13] A1
[51] **Int.Cl. E05F 15/43 (2015.01) E05F 15/73 (2015.01)**
[25] EN
[54] **CONTROL ARRANGEMENT FOR AN ENTRANCE SYSTEM HAVING ONE OR MORE MOVABLE DOOR MEMBERS**
[54] **AGENCEMENT DE COMMANDE POUR UN SYSTEME D'ENTREE COMPRENANT UN OU PLUSIEURS ELEMENTS DE PORTE MOBILES**
[72] DREYER, ROGER, SE
[71] ASSA ABLOY ENTRANCE SYSTEMS AB, SE
[85] 2019-09-16
[86] 2018-04-06 (PCT/EP2018/058814)
[87] (WO2018/189042)
[30] SE (1730102-9) 2017-04-10

[21] **3,056,730**
[13] A1
[51] **Int.Cl. B41J 3/407 (2006.01) B41J 11/057 (2006.01) G09F 3/20 (2006.01)**
[25] EN
[54] **PRINTER FOR PRINTING MARKING STRIPS**
[54] **IMPRIMANTE SERVANT A IMPRIMER DES BANDES DE MARQUAGE**
[72] SPEITH, MARKUS, DE
[72] KOSTER, THOMAS, DE
[71] WEIDMULLER INTERFACE GMBH & CO. KG, DE
[85] 2019-09-16
[86] 2018-04-09 (PCT/EP2018/058958)
[87] (WO2018/189066)
[30] DE (20 2017 102 224.2) 2017-04-12

[21] **3,056,731**
[13] A1
[51] **Int.Cl. A61K 36/752 (2006.01) A61K 9/06 (2006.01) A61K 36/482 (2006.01) A61K 36/53 (2006.01) A61P 3/04 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING ESSENTIAL OILS FOR TOPICAL USE**
[54] **COMPOSITIONS COMPRENANT DES HUILES ESSENTIELLES DESTINEES A ETRE UTILISEES PAR VOIE TOPIQUE**
[72] BOMBARDELLI, EZIO, IT
[71] INDENA S.P.A., IT
[85] 2019-09-16
[86] 2018-04-09 (PCT/EP2018/059015)
[87] (WO2018/189101)
[30] IT (102017000040834) 2017-04-12

[21] **3,056,732**
[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01) A61M 16/00 (2006.01) A61M 16/10 (2006.01) B01D 53/86 (2006.01)**
[25] EN
[54] **APPARATUS FOR CATALYTIC DECOMPOSITION OF NITROUS OXID IN A GAS STREAM**
[54] **APPAREIL DESTINE A LA DECOMPOSITION CATALYTIQUE D'OXYDE NITREUX DANS UN COURANT DE GAZ**
[72] SZABO, ISTVAN, SE
[72] SUNDLING, JERKER, SE
[72] NYBERG, TOMAS, SE
[71] MEDCLAIR AB, SE
[85] 2019-09-16
[86] 2018-04-19 (PCT/EP2018/060063)
[87] (WO2018/193043)
[30] SE (1750475-4) 2017-04-21

[21] **3,056,733**
[13] A1
[51] **Int.Cl. H01R 43/042 (2006.01)**
[25] EN
[54] **HAND-ACTUATABLE PLIER TOOL**
[54] **OUTIL FORMANT PINCE ACTIONNABLE MANUELLEMENT**
[72] BROKER, THILO, DE
[72] SCHINDLER, RICO, DE
[72] SPEITH, MARKUS, DE
[71] WEIDMULLER INTERFACE GMBH & CO. KG, DE
[71] WEIDMULLER INTERFACE GMBH & CO. KG, DE
[85] 2019-09-16
[86] 2018-04-24 (PCT/EP2018/060425)
[87] (WO2018/197457)
[30] DE (10 2017 108 910.1) 2017-04-26

[21] **3,056,734**
[13] A1
[51] **Int.Cl. E05D 3/12 (2006.01) E05F 15/627 (2015.01) E05F 15/63 (2015.01)**
[25] EN
[54] **HINGE DEVICE FOR OPENING AND CLOSING A VEHICLE DOOR**
[54] **DISPOSITIF DE CHARNIERE POUR L'OUVERTURE ET LA FERMETURE D'UNE PORTE DE VEHICULE**
[72] PUJOL OLLER, JORDI, ES
[72] PONS COMELLES, JOSEP, ES
[72] FREIXA ORTIZ, JORDI, ES
[71] MASATS, S.A., ES
[85] 2019-09-16
[86] 2018-04-05 (PCT/ES2018/070300)
[87] (WO2018/185358)
[30] EP (17382189.3) 2017-04-06

[21] **3,056,735**
[13] A1
[51] **Int.Cl. A61C 1/08 (2006.01) A61B 1/00 (2006.01) A61B 1/06 (2006.01) A61B 1/24 (2006.01) A61G 15/14 (2006.01)**
[25] EN
[54] **DENTAL CARE UNIT**
[54] **UNITE DE SOINS DENTAIRES**
[72] NYHOLM, KUSTAA, FI
[72] DE GODZINSKY, CHRISTIAN, FI
[71] PLANMECA OY, FI
[85] 2019-09-16
[86] 2018-03-19 (PCT/FI2018/050197)
[87] (WO2018/167374)
[30] FI (20175247) 2017-03-17

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[13] A1
[51] **Int.Cl. G01R 15/24 (2006.01)**
[25] EN
[54] **MULTI-PHASE SENSOR MODULE, SYSTEMS AND METHODS**
[54] **MODULE DE CAPTEUR POLYPHASE, SYSTEMES ET PROCEDES**
[72] GORDON, NEIL, GB
[72] ORR, PHILIP, GB
[72] NIEWCZAS, PAWEL, GB
[71] SYNAPTEC LIMITED, GB
[85] 2019-09-16
[86] 2018-04-05 (PCT/GB2018/050918)
[87] (WO2018/185490)
[30] GB (1705578.1) 2017-04-06

[21] **3,056,737**
[13] A1
[51] **Int.Cl. B05B 13/02 (2006.01) B05B 16/20 (2018.01)**
[25] EN
[54] **DEVICE FOR SUPPORTING BODY PARTS WHEN PAINTING SAID BODY PARTS**
[54] **DISPOSITIF DE SUPPORT DE PARTIES DE CORPS LORS DE LA MISE EN PEINTURE DESDITES PARTIES DE CORPS**
[72] TRESSE, DAVID, FR
[72] HELMREICH, MARC, FR
[72] LAUTURE, BERNARD, FR
[71] COMPAGNIE PLASTIC OMNIUM, FR
[85] 2019-09-16
[86] 2017-07-17 (PCT/IB2017/001039)
[87] (WO2018/178735)
[30] US (15/471,536) 2017-03-28
[30] FR (1754863) 2017-06-01

[21] **3,056,738**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL D'UTILISATEUR, ET PROCEDE DE RADIOCOMMUNICATION**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] MU, QIN, CN
[72] LIU, LIU, CN
[72] NA, CHONGNING, CN
[72] WANG, XIN, CN
[72] WANG, JING, CN
[72] WANG, LIHUI, CN
[72] LIU, MIN, CN
[72] JIANG, HUILING, CN
[71] NTT DOCOMO, INC., JP
[85] 2019-09-16
[86] 2017-03-17 (PCT/JP2017/010985)
[87] (WO2018/167958)

[21] **3,056,739**
[13] A1
[51] **Int.Cl. H04N 21/83 (2011.01) H04N 21/238 (2011.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS ET PROGRAMME**
[72] TAKAHASHI, RYOHEI, JP
[72] HAMADA, TOSHIYA, JP
[72] KATSUMATA, MITSURU, JP
[71] SONY CORPORATION, JP
[85] 2019-09-16
[86] 2018-03-14 (PCT/JP2018/009913)
[87] (WO2018/173875)
[30] JP (2017-060221) 2017-03-24

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[13] A1
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **PRINTING-FLUID CARTRIDGE, SET OF PRINTING-FLUID CARTRIDGES, AND SYSTEM INCLUDING THE PRINTING-FLUID CARTRIDGE AND PRINTING-FLUID CONSUMING APPARATUS**
[54] **CARTOUCHE DE FLUIDE D'IMPRESSION, ENSEMBLE DE CARTOUCHES DE FLUIDE D'IMPRESSION, ET SYSTEME COMPRENANT LA CARTOUCHE DE FLUIDE D'IMPRESSION ET APPAREIL A CONSOMMATION DE FLUIDE D'IMPRESSION**
[72] NUKUI, KOSUKE, JP
[72] NAKAZAWA, FUMIO, JP
[72] TOMOGUCHI, SUGURU, JP
[72] TAKAHASHI, HIROAKI, JP
[72] ONO, AKIHITO, JP
[72] KOBAYASHI, TETSURO, JP
[72] MIYAO, TAKAHIRO, JP
[71] BROTHER KOGYO KABUSHIKI KAISHA, JP
[85] 2019-09-16
[86] 2017-07-31 (PCT/JP2017/027644)
[87] (WO2019/026109)

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 72/02 (2009.01) H04W 88/04 (2009.01) H04W 92/18 (2009.01)**
[25] EN
[54] **COMMUNICATION APPARATUS AND TERMINAL APPARATUS**
[54] **DISPOSITIF DE COMMUNICATION ET DISPOSITIF TERMINAL**
[72] UCHIYAMA, HIROMASA, JP
[72] KUSASHIMA, NAOKI, JP
[72] SHIMEZAWA, KAZUYUKI, JP
[71] SONY CORPORATION, JP
[85] 2019-09-16
[86] 2018-02-06 (PCT/JP2018/004054)
[87] (WO2018/173523)
[30] JP (2017-058685) 2017-03-24

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[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01)**
[25] EN
[54] **DISTRIBUTED LOGIC CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE PAR LOGIQUE REPARTIE**
[72] REES, STEVEN D., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2019-09-16
[86] 2018-02-12 (PCT/IB2018/050849)
[87] (WO2018/167580)
[30] US (15/461,707) 2017-03-17

[21] **3,056,743**
[13] A1
[51] **Int.Cl. H04W 28/04 (2009.01)**
[25] EN
[54] **TERMINAL APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**
[54] **DISPOSITIF TERMINAL, DISPOSITIF DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] LIU, LIQING, JP
[72] SUZUKI, SHOICHI, JP
[72] YOSHIMURA, TOMOKI, JP
[72] OUCHI, WATARU, JP
[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
[85] 2019-09-16
[86] 2018-03-14 (PCT/JP2018/009970)
[87] (WO2018/173885)
[30] JP (2017-055586) 2017-03-22

[21] **3,056,744**
[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01)**
[25] EN
[54] **DISTRIBUTED LOGIC CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE LOGIQUE DISTRIBUEE**
[72] REES, STEVEN D., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2019-09-16
[86] 2018-02-26 (PCT/IB2018/051193)
[87] (WO2018/167587)
[30] US (15/461,699) 2017-03-17

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) C12M 1/34 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, PROGRAM, AND OBSERVATION SYSTEM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS, PROGRAMME ET SYSTEME D'OBSERVATION**
[72] SHINODA, MASATAKA, JP
[72] OHASHI, TAKESHI, JP
[71] SONY CORPORATION, JP
[85] 2019-09-16
[86] 2018-02-16 (PCT/JP2018/005462)
[87] (WO2018/179971)
[30] JP (2017-072857) 2017-03-31

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[13] A1
[51] **Int.Cl. E21B 33/035 (2006.01) E21B 33/038 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **CONNECTOR FOR CONNECTING SUBSEA WELL ASSEMBLY COMPONENTS AND METHOD OF CONNECTING**
[54] **RACCORD POUR RACCORDER DES COMPOSANTS D'ENSEMBLE DE PUITS SOUS-MARIN ET PROCEDE DE RACCORDEMENT**
[72] REINAS, LORENTS, NO
[72] NESSE, HARALD SIGURD, NO
[72] OSEN, PER, NO
[72] SÆTHER, MORTEN, NO
[71] EQUINOR ENERGY AS, NO
[85] 2019-09-16
[86] 2018-01-30 (PCT/NO2018/050027)
[87] (WO2018/182423)
[30] GB (1704944.6) 2017-03-28

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[51] **Int.Cl. C09D 11/30 (2014.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01)**
[25] EN
[54] **INK COMPOSITION FOR PHOTOCURABLE INK JET PRINTING**
[54] **COMPOSITION D'ENCRE POUR IMPRESSION A JET D'ENCRE DE TYPE PHOTODURCISSABLE**
[72] SATO, YOICHI, JP
[72] NAKASHIMA, OKINORI, JP
[72] MYOSE, TAKUYA, JP
[72] KAWABATA, JUN, JP
[71] SAKATA INX CORPORATION, JP
[85] 2019-09-16
[86] 2018-03-09 (PCT/JP2018/009132)
[87] (WO2018/173785)
[30] JP (2017-058288) 2017-03-23

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[13] A1
[51] **Int.Cl. F16L 55/165 (2006.01) B05C 1/08 (2006.01) B05C 17/02 (2006.01) B05C 17/10 (2006.01) B25G 1/10 (2006.01) D06B 15/02 (2006.01) D06F 45/22 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **DEVICE FOR PREPARING LINER FOR PIPE**
[54] **DISPOSITIF PERMETTANT DE PREPARER UN REVETEMENT DE TUYAU**
[72] LOKKINEN, MIKA, EE
[71] PICOTE SOLUTIONS OY LTD, FI
[85] 2019-09-16
[86] 2018-03-09 (PCT/IB2018/051540)
[87] (WO2018/172876)
[30] FI (20175269) 2017-03-22

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[13] A1
[51] **Int.Cl. E21B 47/01 (2012.01) E21B 17/10 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **SENSOR CONFIGURATION**
[54] **CONFIGURATION DE CAPTEUR**
[72] DIGHE, SHAILESH SHASHANK, US
[72] PATTERSON, DOUGLAS, US
[72] REGENER, THORSTEN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-09-16
[86] 2017-03-17 (PCT/US2017/022896)
[87] (WO2018/169542)

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **QUANTIFYING CONSISTENCY OF A SYSTEM ARCHITECTURE**
[54] **QUANTIFICATION DE COHERENCE D'UNE ARCHITECTURE DE SYSTEME**
[72] GIANETTO, DAVID AARON, US
[72] CHIESI, STEPHANIE SHARO, US
[71] RAYTHEON COMPANY, US
[85] 2019-09-16
[86] 2018-03-14 (PCT/US2018/022402)
[87] (WO2018/170108)
[30] US (15/460,457) 2017-03-16

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[13] A1
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/236 (2011.01)**
[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**
[54] **APPAREIL DE TRANSMISSION, PROCEDE DE TRANSMISSION, APPAREIL DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2019-09-13
[86] 2018-04-19 (PCT/JP2018/016063)
[87] (WO2018/198914)
[30] JP (2017-085730) 2017-04-24

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **QUANTIFYING ROBUSTNESS BY ANALYZING A PROPERTY GRAPH DATA MODEL**
[54] **QUANTIFICATION DE ROBUSTESSE PAR ANALYSE D'UN MODELE DE DONNEES DE GRAPHES DE PROPRIETES**
[72] GIANETTO, DAVID AARON, US
[72] CHIESI, STEPHANIE SHARO, US
[71] RAYTHEON COMPANY, US
[85] 2019-09-16
[86] 2018-03-14 (PCT/US2018/022407)
[87] (WO2018/170112)
[30] US (15/460,462) 2017-03-16

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[13] A1
[51] **Int.Cl. F04C 29/02 (2006.01) F04C 18/10 (2006.01) F04C 25/02 (2006.01) F04C 27/00 (2006.01)**
[25] EN
[54] **EPITROCHOIDAL VACUUM PUMP**
[54] **POMPE A VIDE EPITROCHOIDALE**
[72] VALKENBERG, RALPH, DE
[72] BOUWMEESTER, LUKE, DE
[71] STACKPOLE INTERNATIONAL ENGINEERED PRODUCTS, LTD., CA
[85] 2019-09-16
[86] 2018-04-06 (PCT/IB2018/052419)
[87] (WO2018/185730)
[30] US (62/483,047) 2017-04-07

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[13] A1
[51] **Int.Cl. A61K 31/395 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **MACROCYCLIC COMPOUNDS AS ROS1 KINASE INHIBITORS**
[54] **COMPOSES MACROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE KINASE ROS1**
[72] BLAKE, JAMES F., US
[72] HAAS, JULIA, US
[72] KOLAKOWSKI, GABRIELLE R., US
[72] ANDREWS, STEVEN W., US
[71] ARRAY BIOPHARMA INC., US
[85] 2019-09-13
[86] 2018-03-16 (PCT/US2018/022833)
[87] (WO2018/170381)
[30] US (62/472,185) 2017-03-16

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[13] A1
[51] **Int.Cl. G06Q 50/22 (2018.01) G06Q 10/06 (2012.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **ANALYTICS ENGINE FOR DETECTING MEDICAL FRAUD, WASTE, AND ABUSE**
[54] **MOTEUR D'ANALYSE PERMETTANT DE DETECTER DES FRAUDES, DES GASPILLAGES ET DES ABUS MEDICAUX**
[72] GALLARDO, KLEBER, US
[71] ALIVIA CAPITAL LLC, US
[85] 2019-09-16
[86] 2017-03-17 (PCT/US2017/023038)
[87] (WO2017/161316)
[30] US (62/310,176) 2016-03-18

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C12N 15/11 (2006.01) C12P 21/02 (2006.01) C40B 40/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING COMPLEX OF RNA MOLECULE AND PEPTIDE, AND UTILIZATION THEREOF**
[54] **METHODE DE PRODUCTION D'UN COMPLEXE DE MOLECULE D'ARN ET DE PEPTIDE, ET SON UTILISATION**
[72] UEDA, HIROKI, JP
[72] SHIMIZU, YOSHIHIRO, JP
[72] HARADA, SHOKO, JP
[72] MATSUMOTO, KATSUHIKO, JP
[71] CUBICSTARS, INC., JP
[85] 2019-09-16
[86] 2018-03-15 (PCT/JP2018/010223)
[87] (WO2018/168999)
[30] JP (2017-053621) 2017-03-17

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[13] A1
[51] **Int.Cl. B26B 19/14 (2006.01) B26B 19/38 (2006.01)**
[25] EN
[54] **BACK AND BODY HAIR CUTTING DEVICES, AND RELATED METHODS OF USE**
[54] **DISPOSITIFS DE COUPE DE POILS DU DOS ET DE POILS CORPORELS, ET PROCEDES D'UTILISATION ASSOCIES**
[72] NILES, MARTIN, CA
[71] NILES, MARTIN, CA
[85] 2019-09-13
[86] 2018-03-14 (PCT/CA2018/050309)
[87] (WO2018/165757)
[30] US (62/471,039) 2017-03-14

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[13] A1
[51] **Int.Cl. A23J 1/14 (2006.01) A23J 3/14 (2006.01)**
[25] EN
[54] **NOVEL PROCESS FOR EXTRACTION OF PROTEIN FROM PLANT OR ALGAL MATTER**
[54] **NOUVEAU PROCEDE D'EXTRACTION DE PROTEINE A PARTIR D'UNE PLANTE OU D'UNE MATIERE ALGALE**
[72] ALBA, DINA, IL
[72] FUKS, DAVID, IL
[72] KARNIEL, AVIAD, IL
[72] HANUKA, EZRA, IL
[71] IMI TAMI INSTITUTE FOR RESEARCH AND DEVELOPMENT LTD., IL
[85] 2019-09-16
[86] 2018-03-19 (PCT/IL2018/050309)
[87] (WO2018/173041)
[30] US (62/473,502) 2017-03-20

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **HYDROLYZED COLLAGEN COMPOSITIONS AND METHODS OF MAKING THEREOF**
[54] **COMPOSITIONS DE COLLAGENE HYDROLYSE ET LEURS PROCEDES DE FABRICATION**
[72] ELNAJJAR, ALI, US
[72] MOURAD, ALI, US
[72] BRANT, MARK ERNST, US
[72] LIPPELT, CHRISTOPHER, US
[71] AVICENNA NUTRACEUTICAL, LLC, US
[71] ELNAJJAR, ALI, US
[71] MOURAD, ALI, US
[85] 2019-09-16
[86] 2017-03-20 (PCT/US2017/023181)
[87] (WO2017/165281)
[30] US (62/311,575) 2016-03-22

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[13] A1
[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/02 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE TREATMENT OF WASTEWATER**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DES EAUX USEES**
[72] LABRECQUE, MARISOL, CA
[71] LABRECQUE, MARISOL, CA
[85] 2019-09-13
[86] 2017-03-14 (PCT/CA2017/050332)
[87] (WO2017/156626)
[30] US (62/307,932) 2016-03-14

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[13] A1
[51] **Int.Cl. C08G 63/91 (2006.01) A01G 9/14 (2006.01) C09D 167/00 (2006.01) C09D 167/06 (2006.01)**
[25] EN
[54] **REMOVABLE, BIODEGRADABLE COATING**
[54] **REVETEMENT BIODEGRADABLE AMOVIBLE**
[72] TUIJTELAARS, BAS JACOBUS CATHARINA, NL
[72] HOFKAMP, ALBERTUS RONALD, NL
[72] KONING, CORNELIS EME, NL
[72] BUIJSEN, PAULUS FRANCISCUS ANNA, NL
[72] WEIJERS, ROEL HENRI MARTINUS, NL
[72] GERRITSE-VAN HAMERSVELD, ELIZABETH ANTOINETTE MARIA, NL
[71] SMARTCOAT B.V., NL
[85] 2019-09-16
[86] 2018-03-16 (PCT/NL2018/050169)
[87] (WO2018/169404)
[30] NL (2018543) 2017-03-17

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[13] A1
[51] **Int.Cl. H04W 88/18 (2009.01) H04W 24/00 (2009.01)**
[25] EN
[54] **MONITORING SYSTEM FOR A CELLULAR TELEPHONE NETWORK**
[54] **SYSTEME DE SURVEILLANCE DE RESEAU TELEPHONIQUE CELLULAIRE**
[72] KISSLING, CHRISTIAN, US
[71] SYSTEMS AND SOFTWARE ENTERPRISES, LLC, US
[85] 2019-09-16
[86] 2018-03-16 (PCT/US2018/022958)
[87] (WO2018/170445)
[30] US (62/472,227) 2017-03-16

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61B 17/02 (2006.01)**
[25] EN
[54] **PROSTHETIC VALVE HOLDERS WITH AUTOMATIC DEPLOYING MECHANISMS**
[54] **SUPPORTS DE VALVULE PROTHETIQUE A MECANISMES DE DEPLOIEMENT AUTOMATIQUE**
[72] CONKLIN, BRIAN S., US
[72] MURAD, MICHAEL C., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2019-09-16
[86] 2017-05-02 (PCT/US2017/030663)
[87] (WO2018/186897)
[30] US (15/481,283) 2017-04-06

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **MANIFOLD FOR A MEDICAL/SURGICAL WASTE COLLECTION SYSTEM WITH A MATERIAL COLLECTION VOLUME FOR COLLECTING MATERIAL ENTRAINED WITHIN FLUID**
[54] **COLLECTEUR POUR UN SYSTEME DE COLLECTE DE DECHETS MEDICAUX/CHIRURGICAUX COMPORTANT UN VOLUME DE COLLECTE DE MATERIAU POUR COLLECTER UN MATERIAU ENTRAINE DANS UN FLUIDE**
[72] PETERSON, MICHAEL, US
[72] SHANDILLYA, ANSHUL, IN
[72] ISHAM, STEPHEN, US
[72] REASONER, STEPHEN, US
[71] STRYKER CORPORATION, US
[85] 2019-09-16
[86] 2018-03-15 (PCT/US2018/022592)
[87] (WO2018/170233)
[30] US (62/472,969) 2017-03-17

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[13] A1
[51] **Int.Cl. B01J 19/00 (2006.01) C12Q 1/6876 (2018.01) C07H 21/04 (2006.01)**
[25] EN
[54] **SEQUENCING AND HIGH RESOLUTION IMAGING**
[54] **SEQUENCAGE ET IMAGERIE HAUTE RESOLUTION**
[72] STAKER, BRYAN P., US
[72] LIU, NIANDONG, US
[72] FURTADO, MANOHAR R., US
[72] FANG, RIXUN, US
[72] BURNS, NORMAN, US
[72] OWENS, WINDSOR, US
[71] APTON BIOSYSTEMS, INC., US
[85] 2019-09-16
[86] 2018-03-19 (PCT/US2018/023187)
[87] (WO2018/170518)
[30] US (62/473,163) 2017-03-17

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[13] A1
[51] **Int.Cl. A61K 31/522 (2006.01) A61K 31/235 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ACNE VULGARIS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE L'ACNE VULGAIRE**
[72] RASOCHOVA, LADA, US
[72] KEM, MICHELLE, US
[72] NEWSAM, JOHN M., US
[71] DERMALA INC., US
[85] 2019-09-16
[86] 2017-05-25 (PCT/US2017/034533)
[87] (WO2017/205659)
[30] US (62/342,060) 2016-05-26

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[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01) G06F 3/00 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **COOKING SYSTEM**
[54] **SYSTEME DE CUISSON**
[72] TESSIER, PHILIP, US
[72] MILZ, CHRISTOPH, US
[72] HAY, OWEN, US
[72] MEYER, JORDAN, US
[71] MEYER INTELLECTUAL PROPERTIES LIMITED, CN
[71] TESSIER, PHILIP, US
[71] MILZ, CHRISTOPH, US
[71] HAY, OWEN, US
[71] MEYER, JORDAN, US
[85] 2019-09-16
[86] 2018-03-16 (PCT/US2018/022970)
[87] (WO2018/170455)
[30] US (62/473,293) 2017-03-17

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/352 (2006.01)**
[25] EN
[54] **DRY POWDERS OF CANNABINOIDS AND METHODS FOR PREPARING DRY POWDERS**
[54] **POUDRES SECHES DE CANNABINOIDES ET PROCEDES DE PREPARATION DE POUDRES SECHES**
[72] SIEVERS, ROBERT, US
[72] REBITS, LIA, US
[71] COLORADO CAN LLC, US
[85] 2019-09-16
[86] 2018-03-21 (PCT/US2018/023633)
[87] (WO2018/175637)
[30] US (15/466,719) 2017-03-22

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[13] A1
[51] **Int.Cl. H01F 38/14 (2006.01)**
[25] EN
[54] **HYBRID TRANSFORMER SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRANSFORMATEURS HYBRIDES**
[72] DIVAN, DEEPAKRAJ M., US
[72] KANDULA, RAJENDRA PRASAD, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2019-09-16
[86] 2018-03-16 (PCT/US2018/022972)
[87] (WO2018/170456)
[30] US (62/473,100) 2017-03-17

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[13] A1
[51] **Int.Cl. A61C 1/08 (2006.01) A61C 5/20 (2017.01) A61C 5/70 (2017.01) A61C 13/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR PREPARING TEETH FOR THE PLACEMENT OF VENEERS**
[54] **SYSTEME DE PREPARATION DE DENTS POUR LA MISE EN PLACE DE FACETTES PROTHETIQUES**
[72] FARES, MOHAMED, BE
[72] TAHMASEBI, CYRUS, US
[71] VIAX DENTAL TECHNOLOGIES LLC, US
[85] 2019-09-16
[86] 2018-03-15 (PCT/US2018/022655)
[87] (WO2018/170278)
[30] US (62/472,372) 2017-03-16
[30] US (15/858,253) 2017-12-29

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G03H 1/00 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **STACKED WAVEGUIDES HAVING DIFFERENT DIFFRACTION GRATINGS FOR COMBINED FIELD OF VIEW**
[54] **GUIDES D'ONDES SUPERPOSES MUNIS DE RESEAUX DE DIFFRACTION DIFFERENTS POUR UN CHAMP DE VISION COMBINE**
[72] OH, CHULWOO, US
[72] PARTHIBAN, VIK, US
[71] MAGIC LEAP, INC., US
[85] 2019-09-16
[86] 2018-03-20 (PCT/US2018/023425)
[87] (WO2018/175488)
[30] US (62/474,529) 2017-03-21

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[13] A1
[51] **Int.Cl. H04N 1/12 (2006.01) B65H 7/02 (2006.01) B65H 15/00 (2006.01) H04N 1/03 (2006.01) H04N 1/04 (2006.01)**
[25] EN
[54] **MULTI-SHEET HANDLING FOR DOCUMENT DIGITIZATION**
[54] **MANIPULATION DE MULTIPLES FEUILLES POUR NUMERISATION DE DOCUMENTS**
[72] HALL, KEVIN CHRISTOPHER, US
[72] HURLEY, JENS JORDAN, US
[72] GRUBB, JONATHAN FLOYD, US
[72] HARTNAGLE, JOSEPH DAVID DILLS, US
[72] PETRON, ARTHUR JOSEPH, US
[72] FIELDING, ALEX, US
[72] OLSON, KEVIN JON, US
[71] RIPCORD INC., US
[85] 2019-09-16
[86] 2018-03-21 (PCT/US2018/023641)
[87] (WO2018/175644)
[30] US (62/474,525) 2017-03-21

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[13] A1
[51] **Int.Cl. G06F 17/21 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **EXTRACTING DATA FROM ELECTRONIC DOCUMENTS**
[54] **EXTRACTION DE DONNEES DE DOCUMENTS ELECTRONIQUES**
[72] DAVIS, CHRIS RANDY LARSEN, US
[72] LAI, YENMING MARK, US
[71] DRILLING INFO, INC., US
[85] 2019-09-16
[86] 2018-03-22 (PCT/US2018/023703)
[87] (WO2018/175686)
[30] US (62/474,978) 2017-03-22

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/12 (2006.01) E21B 34/00 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOLS HAVING CONTROLLED DISINTEGRATION AND APPLICATIONS THEREOF**
[54] **OUTILS DE FOND DE TROU A DESINTEGRATION CONTROLEE ET LEURS APPLICATIONS**
[72] XU, YINGQING, US
[72] ZHANG, ZHIHUI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-09-16
[86] 2018-01-10 (PCT/US2018/013123)
[87] (WO2018/147961)
[30] US (15/429,761) 2017-02-10

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF 4-(1-(1,1-DI(PYRIDIN-2-YL)ETHYL)-6-(3,5-DIMETHYLISOXAZOL-4-YL)-1H- PYRROLO[3,2-B]PYRIDIN-3-YL)BENZOIC ACID THAT INHIBITS BROMODOMAIN**
[54] **FORMES CRISTALLINES DE L'ACIDE 4-(1-(1,1-DI(PYRIDIN-2-YL)ETHYL)-6-(3,5-DIMETHYLISOXAZOL-4-YL)-1H-PYRROLO[3,2-B]PYRIDIN-3-YL)BENZOIQUE INHIBITEUR DE BROMODOMAINE**
[72] LIN, JACK, US
[72] NESPI, MARIKA, US
[72] WALTERS, JASON, US
[71] PLEXXIKON INC., US
[85] 2019-09-16
[86] 2018-03-19 (PCT/US2018/023127)
[87] (WO2018/175311)
[30] US (62/473,903) 2017-03-20

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[13] A1
[51] **Int.Cl. H04W 4/021 (2018.01) H04W 4/40 (2018.01) G06F 16/24 (2019.01)**
[25] EN
[54] **ASSOCIATING IDENTIFIERS BASED ON PAIRED DATA SETS**
[54] **ASSOCIATION D'IDENTIFIANTS D'APRES DES ENSEMBLES DE DONNEES APPARIEES**
[72] GUREVICH, MAXIM, US
[72] GRECU, MIRCEA, US
[72] WEST, JOHN, US
[72] BALANCE, AUSTIN, US
[72] KHADILKAR, MANAS, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2019-09-16
[86] 2018-03-22 (PCT/US2018/023887)
[87] (WO2018/175810)
[30] US (62/475,804) 2017-03-23
[30] US (15/926,133) 2018-03-20

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[13] A1
[51] **Int.Cl. F16K 39/02 (2006.01) F16K 1/12 (2006.01) F16K 27/02 (2006.01) F16K 27/08 (2006.01) F16K 47/08 (2006.01)**
[25] EN
[54] **VALVE WITH INTEGRAL BALANCING PASSAGE**
[54] **SOUPAPE A PASSAGE D'EQUILIBRAGE INTEGRE**
[72] GABRIEL, THOMAS N., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-09-16
[86] 2018-03-02 (PCT/US2018/020563)
[87] (WO2018/169698)
[30] US (15/460,945) 2017-03-16

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[13] A1
[51] **Int.Cl. E02F 3/32 (2006.01) E02F 3/96 (2006.01) E02F 9/22 (2006.01)**
[25] EN
[54] **POWER MACHINE WITH A BOOM, A BOOM ACTUATOR, AN IMPLEMENT AND A STOP FOR PREVENTING CONTACT BETWEEN THE BOOM ACTUATOR AND THE IMPLEMENT**
[54] **MACHINE A MOTEUR COMPRENANT UNE FLECHE, UN ACTIONNEUR DE FLECHE, UN OUTIL ET UNE BUTEE PERMETTANT D'EMPECHER UN CONTACT ENTRE L'ACTIONNEUR DE FLECHE ET L'OUTIL**
[72] FISER, JAROSLAV, CZ
[72] MASA, MARTIN, CZ
[72] VASICEK, BOHUSLAV, CZ
[71] CLARK EQUIPMENT COMPANY, US
[85] 2019-09-16
[86] 2018-03-23 (PCT/US2018/023977)
[87] (WO2018/175858)
[30] US (62/475,454) 2017-03-23

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[54] **ELEMENTS DE FIXATION D'OBTURATEUR DE SOUPAPE A ECROU CONIQUE**
[72] HOSTETTER, STEVEN, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-09-16
[86] 2018-03-02 (PCT/US2018/020567)
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[30] US (15/461,158) 2017-03-16

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[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING OBJECTS INCLUDING A ZONE GANTRY SYSTEM**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT UN SYSTEME DE PORTIQUE DE ZONE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERSKSHIRE GREY INC., US
[85] 2019-09-16
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[30] US (62/473,857) 2017-03-20

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[51] **Int.Cl. G05B 19/042 (2006.01) H04L 12/28 (2006.01) H05B 37/02 (2006.01)**
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[54] **CONFIGURING A LOAD CONTROL SYSTEM**
[54] **CONFIGURATION D'UN SYSTEME DE COMMANDE DE CHARGE**
[72] BARD, BENJAMIN F., US
[72] CASEY, CRAIG ALAN, US
[72] CLYMER, ERICA, US
[72] EVANS, CHRISTINA, US
[72] JONES, CHRISTOPHER MATTHEW, US
[72] KUMAR, SANJEEV, US
[72] NILL, JOHN, US
[72] ORCHOWSKI, NEIL R., US
[72] PROTZMAN, BRENT, US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
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[30] US (62/471,782) 2017-03-15
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[51] **Int.Cl. C07C 51/00 (2006.01) C07C 51/15 (2006.01) C10J 3/00 (2006.01) C10K 3/00 (2006.01)**
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[54] **METHOD AND SYSTEM FOR RECYCLING PYROLYSIS TAIL GAS THROUGH CONVERSION INTO FORMIC ACID**
[54] **PROCEDE ET SYSTEME DE RECYCLAGE DE GAZ RESIDUAIRE DE PYROLYSE PAR CONVERSION EN ACIDE FORMIQUE**
[72] GARCIA-PEREZ, MANUEL, US
[72] WALTER, JOSHUA C., US
[71] TERRAPOWER, LLC, US
[71] WASHINGTON, STATE UNIVERSITY, US
[85] 2019-09-16
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[25] EN
[54] **EARTH-BORING TOOLS WITH REDUCED VIBRATIONAL RESPONSE AND RELATED METHODS**
[54] **OUTILS DE FORAGE A REACTION VIBRATOIRE REDUITE ET PROCEDES ASSOCIES**
[72] RUSSELL, STEVEN CRAIG, US
[72] EVANS, KENNETH R., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2019-09-16
[86] 2018-03-07 (PCT/US2018/021315)
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[30] US (62/473,114) 2017-03-17

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[51] **Int.Cl. G08B 17/10 (2006.01) A62C 3/00 (2006.01) A62C 37/38 (2006.01) G08B 13/19 (2006.01) G08B 17/107 (2006.01)**
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[54] **FIRE SAFETY DEVICES METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES POUR DISPOSITIFS DE SECURITE CONTRE L'INCENDIE**
[72] LIVCHAK, ANDREY V., US
[72] SCHROCK, DEREK W., US
[72] LYONS, GREGORY A., US
[72] SANDUSKY, JIMMY, US
[72] SUNDERLIN, KYLE, US
[72] MEREDITH, PHILIP J., US
[72] HARLOW, NICHOLAS, US
[71] OY HALTON GROUP LTD., FI
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[54] **METHOD AND SYSTEM FOR FIBER SCANNING PROJECTOR**
[54] **PROCEDE ET SYSTEME DESTINES A UN PROJECTEUR A BALAYAGE DE FIBRE**
[72] SCHOWENGERDT, BRIAN T., US
[72] WATSON, MATHEW D., US
[72] MELVILLE, CHARLES DAVID, US
[72] FRANK, SCOTT, US
[71] MAGIC LEAP, INC., US
[85] 2019-09-16
[86] 2018-03-21 (PCT/US2018/023505)
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[30] US (62/474,461) 2017-03-21

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[51] **Int.Cl. G05B 19/042 (2006.01) G05B 19/43 (2006.01) G05B 19/44 (2006.01) G05B 19/46 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **METHODS AND APPARTUS FOR CONTROLLING MULTIPLE VALVES AS A SINGLE VALVE_BASED ON A COORDINATED CONTROL SIGNAL**
[54] **PROCEDES ET APPAREIL POUR COMMANDER DE MULTIPLES VANNES EN TANT QUE VANNE UNIQUE SUR LA BASE D'UN SIGNAL DE COMMANDE COORDONNE**
[72] JENSEN, KURTIS KEVIN, US
[72] ANDERS, ROGER, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2019-09-16
[86] 2018-03-09 (PCT/US2018/021766)
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[30] US (15/462,365) 2017-03-17

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[51] **Int.Cl. C12Q 1/689 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6888 (2018.01) G16B 30/00 (2019.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **LEVERAGING SEQUENCE-BASED FECAL MICROBIAL COMMUNITY SURVEY DATA TO IDENTIFY A COMPOSITE BIOMARKER FOR COLORECTAL CANCER**
[54] **EXPLOITATION DE DONNEES D'ETUDE DE COMMUNAUTE MICROBIENNE FECALE BASEE SUR UNE SEQUENCE POUR IDENTIFIER UN BIOMARQUEUR COMPOSITE POUR LE CANCER COLORECTAL**
[72] DESANTIS, TODD ZACHARY, US
[72] WEINMAIER, THOMAS, US
[72] SHAH, MANASI SANJAY, US
[72] HOLLISTER-BRANTON, EMILY BROOKE, US
[71] SECOND GENOME, INC., US
[71] BAYLOR COLLEGE OF MEDICINE, US
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[87] (WO2018/170396)
[30] US (62/472,863) 2017-03-17

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[51] **Int.Cl. A61F 13/476 (2006.01) A61F 13/15 (2006.01) A61F 13/551 (2006.01) A61F 13/56 (2006.01)**
[25] EN
[54] **FEMININE ABSORBENT ARTICLES WITH BONDED SIDE FLAPS AND AN APPARATUS FOR PRODUCING THE SAME**
[54] **ARTICLE ABSORBANT FEMININ DOTE DE RABATS LATERAUX LIES ET APPAREIL DE PRODUCTION DE CELUI-CI**
[72] CAU, JOSE FRANCISCO, BR
[72] ALKMIN, MARCO ANTONIO, BR
[72] SARDINHA, GILSON PHILIG, BR
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[30] US (62/479,812) 2017-03-31

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[51] **Int.Cl. H04N 1/04 (2006.01) G03B 15/03 (2006.01) H04N 1/12 (2006.01) H04N 1/19 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AND TRANSFERRING SHEETS**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION ET DE TRANSFERT DE FEUILLES**
[72] HALL, KEVIN CHRISTOPHER, US
[72] HURLEY, JENS JORDAN, US
[72] GRUBB, JONATHAN FLOYD, US
[72] HARTNAGLE, JOSEPH DAVID DILLS, US
[72] PETRON, ARTHUR JOSEPH, US
[72] FIELDING, ALEX, US
[71] RIPCORD INC., US
[85] 2019-09-16
[86] 2018-03-21 (PCT/US2018/023626)
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[30] US (62/474,510) 2017-03-21

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[51] **Int.Cl. G06F 16/901 (2019.01) G06F 16/903 (2019.01) G06F 16/904 (2019.01)**
[25] EN
[54] **PROPERTY GRAPH DATA MODEL REPRESENTING SYSTEM ARCHITECTURE**
[54] **MODELE DE DONNEES DE GRAPHES DE PROPRIETES REPRESENTANT UNE ARCHITECTURE DE SYSTEME**
[72] GIANETTO, DAVID AARON, US
[72] CHIESI, STEPHANIE SHARO, US
[71] RAYTHEON COMPANY, US
[85] 2019-09-16
[86] 2018-03-14 (PCT/US2018/022386)
[87] (WO2018/170097)
[30] US (15/460,443) 2017-03-16

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[51] **Int.Cl. G01T 1/185 (2006.01)**
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[54] **WATER-BASED RADIATION DETECTOR**
[54] **DETECTEUR DE RAYONNEMENT A BASE D'EAU**
[72] MOORE, JARED WILLIAM, US
[71] SMITHS DETECTION INC., US
[85] 2019-09-16
[86] 2018-03-27 (PCT/US2018/024464)
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[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **WEIGHTED PROPERTY GRAPH DATA MODEL REPRESENTING SYSTEM ARCHITECTURE**
[54] **MODELE DE DONNEES DE GRAPHE DE PROPRIETES PONDEREES REPRESENTANT UNE ARCHITECTURE DE SYSTEME**
[72] GIANETTO, DAVID AARON, US
[72] CHIESI, STEPHANIE SHARO, US
[71] RAYTHEON COMPANY, US
[85] 2019-09-16
[86] 2018-03-14 (PCT/US2018/022392)
[87] (WO2018/170101)
[30] US (15/460,451) 2017-03-16

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[51] **Int.Cl. F02M 21/02 (2006.01) B60K 6/24 (2007.10) F02B 43/00 (2006.01) F02B 43/10 (2006.01) F02D 19/08 (2006.01) F02M 25/00 (2006.01)**
[25] EN
[54] **PURGING NATURAL GAS COMPRESSORS**
[54] **PURGE DE COMPRESSEURS DE GAZ NATUREL**
[72] ECHTER, NICHOLAS PAUL, US
[72] WEYER-GEIGEL, KRISTINA, US
[71] ONBOARD DYNAMICS, INC., US
[85] 2019-09-16
[86] 2018-03-28 (PCT/US2018/024809)
[87] (WO2018/183474)
[30] US (62/480,261) 2017-03-31

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[51] **Int.Cl. C12Q 1/6809 (2018.01) G16B 20/00 (2019.01) C12N 5/10 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2018.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MULTIPLEXED QUANTITATIVE ANALYSIS OF CELL LINEAGES**
[54] **COMPOSITIONS ET PROCEDES D'ANALYSE QUANTITATIVE MULTIPLEXEE DE LIGNEES CELLULAIRES**
[72] WINSLOW, MONTE M., US
[72] PETROV, DMITRI, US
[72] WINTERS, IAN P., US
[72] MCFARLAND, CHRISTOPHER, US
[72] ROGERS, ZOE N., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2019-09-16
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[87] (WO2018/187156)
[30] US (62/481,067) 2017-04-03

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/14 (2017.01) A61K 47/18 (2017.01) A61K 47/30 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **ENGINEERED LIPOSOMES AS CANCER-TARGETED THERAPEUTICS**
[54] **LIPOSOMES INGENIERISES UTILISES EN TANT QU'AGENTS THERAPEUTIQUES CIBLANT LE CANCER**
[72] MOSES, MARSHA A., US
[72] GUO, PENG, US
[72] YANG, JIANG, US
[72] AUGUSTE, DEBRA, US
[72] LIU, DAXING, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2019-09-16
[86] 2018-03-16 (PCT/US2018/022865)
[87] (WO2018/170398)
[30] US (62/472,206) 2017-03-16

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[13] A1
[51] **Int.Cl. F04D 29/22 (2006.01) F04D 29/42 (2006.01) F04D 29/66 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR REDUCING CIRCUMFERENTIAL PRESSURE IMBALANCES IN AN IMPELLER SIDE CAVITY OF ROTARY MACHINES**
[54] **PROCEDES ET DISPOSITIFS POUR REDUIRE DES DESEQUILIBRES DE PRESSION CIRCONFERENTIELS DANS UNE CAVITE LATERALE DE ROUE DE MACHINES ROTATIVES**
[72] KENWORTHY, MICHAEL W., US
[72] GANELIN, BORIS, US
[71] TECHNOLOGY COMMERCIALIZATION CORP., US
[85] 2019-09-16
[86] 2018-03-29 (PCT/US2018/025052)
[87] (WO2018/191022)
[30] US (62/483,407) 2017-04-09
[30] US (15/696,230) 2017-09-06

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[13] A1
[51] **Int.Cl. B60B 27/02 (2006.01) B60B 35/18 (2006.01) B60G 9/00 (2006.01)**
[25] EN
[54] **VEHICLE SUSPENSION WITH COMMON HUB AND/OR KNUCKLE ASSEMBLY**
[54] **SUSPENSION DE VEHICULE A ENSEMBLE MOYEU ET/OU ROTULE COMMUN**
[72] ROSENE, NATHAN, US
[72] SKARZENSKI, CHRIS, US
[72] O'BANNON, WALTER, US
[71] WATSON & CHALIN MANUFACTURING, INC., US
[85] 2019-09-16
[86] 2018-04-19 (PCT/US2018/028379)
[87] (WO2018/195320)
[30] US (62/487,767) 2017-04-20

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[13] A1
[51] **Int.Cl. G21C 19/313 (2006.01)**
[25] EN
[54] **METHOD OF REPLACING CESIUM TRAP AND CESIUM TRAP ASSEMBLY THEREOF**
[54] **PROCEDE DE REMPLACEMENT D'UN PIEGE A CESIUM ET ENSEMBLE PIEGE A CESIUM ASSOCIE**
[72] CORBIN, ROBERT A., US
[72] TRUAX, JOHN E., US
[71] TERRAPOWER, LLC, US
[85] 2019-09-16
[86] 2018-03-29 (PCT/US2018/025216)
[87] (WO2018/183725)
[30] US (62/478,419) 2017-03-29

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[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01N 25/26 (2006.01) A01N 61/00 (2006.01) C05G 3/00 (2006.01) C12N 1/00 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01) C12N 5/00 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE ENCAPSULATION AND SCALABLE DELIVERY OF AGROCHEMICALS**
[54] **COMPOSITIONS ET PROCEDES POUR L'ENCAPSULATION ET L'ADMINISTRATION EVOLUTIVE DE PRODUITS AGROCHIMIQUES**
[72] SHAKEEL, AMEER HAMZA, US
[72] ZOMORODI, SEPEHR, US
[72] FRANK, JOSEPH THOMAS, US
[72] DAVIS, ZACHERY GEORGE, US
[72] POURTAHERI, PAYAM, US
[71] AGROSPHERES, INC., US
[85] 2019-09-16
[86] 2018-04-30 (PCT/US2018/030329)
[87] (WO2018/201161)
[30] US (62/491,608) 2017-04-28
[30] US (62/570,368) 2017-10-10

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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61K 47/36 (2006.01) A61K 47/42 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NON-VIRAL, NON-CATIONIC NANOPARTICLES AND USES THEREOF**
[54] **NANOPARTICULES NON VIRALES, NON CATIONIQUES ET UTILISATIONS ASSOCIEES**
[72] MOSES, MARSHA A., US
[72] GUO, PENG, US
[72] YANG, JIANG, US
[72] AUGUSTE, DEBRA, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[86] 2018-03-16 (PCT/US2018/022890)
[87] (WO2018/170414)
[30] US (62/472,104) 2017-03-16

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[51] **Int.Cl. G16H 40/20 (2018.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROXIMITY SENSING OF MOVABLE PORTIONS OF A PREMISES**
[54] **SYSTEME ET PROCEDE DE DETECTION DE PROXIMITE DE PARTIES MOBILES DANS DES LOCAUX**
[72] LIU, PENG, US
[72] LIU, YANG, CN
[72] HUANG, JIAPENG, US
[71] MICROSENSOR LABS, LLC, US
[85] 2019-09-16
[86] 2018-04-05 (PCT/US2018/026238)
[87] (WO2018/187557)
[30] US (62/482,146) 2017-04-05

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[13] A1
[51] **Int.Cl. A47K 10/36 (2006.01) A47K 10/44 (2006.01)**
[25] EN
[54] **AUTOMATIC PAPER PRODUCT DISPENSER AND ASSOCIATED METHODS**
[54] **DISTRIBUTEUR AUTOMATIQUE DE PRODUITS EN PAPIER ET PROCEDES ASSOCIES**
[72] CASPER, TED ALLEN, US
[72] SWANSON, KEVIN MICHAEL, US
[71] GPCP IP HOLDINGS LLC, US
[85] 2019-09-16
[86] 2018-05-10 (PCT/US2018/032099)
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[30] US (62/504,277) 2017-05-10

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[51] **Int.Cl. B01D 61/24 (2006.01) A61M 1/16 (2006.01) B01D 63/02 (2006.01) B01D 69/02 (2006.01) B01D 69/08 (2006.01) B01D 71/68 (2006.01)**
[25] EN
[54] **HOLLOW FIBER MEMBRANE HAVING IMPROVED DIFFUSION PROPERTIES**
[54] **MEMBRANE A FIBRES CREUSES POURVUE DE PROPRIETES DE DIFFUSION AMELIOREE**
[72] KELLER, TORSTEN, DE
[72] SANDER, ROLAND, DE
[72] RAIKO, IGOR, DE
[72] FINKLER, CHRISTIAN, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[86] 2018-03-16 (PCT/EP2018/056689)
[87] (WO2018/167280)
[30] DE (10 2017 204 524.8) 2017-03-17

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[51] **Int.Cl. B60R 21/015 (2006.01) B60N 2/75 (2018.01) B60J 1/20 (2006.01) B60N 2/22 (2006.01) B60N 3/00 (2006.01) B60R 16/023 (2006.01) B64D 11/00 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINATION OF VEHICLE COMPONENT STATUS**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE L'ETAT D'UN ELEMENT DE VEHICULE**
[72] PEREZ, VICTOR ARINO, US
[71] SYSTEMS AND SOFTWARE ENTERPRISES, LLC, US
[85] 2019-09-16
[86] 2018-03-16 (PCT/US2018/022918)
[87] (WO2018/170427)
[30] US (62/472,237) 2017-03-16

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **NOVEL PD-L1 TARGETING DNA VACCINE FOR CANCER IMMUNOTHERAPY**
[54] **NOUVEAU VACCIN D'ADN CIBLANT LE PD-L1 POUR L'IMMUNOTHERAPIE DU CANCER**
[72] LUBENAU, HEINZ, DE
[71] VAXIMM AG, CH
[85] 2019-09-17
[86] 2018-03-16 (PCT/EP2018/056721)
[87] (WO2018/167290)
[30] EP (17161666.7) 2017-03-17
[30] EP (17188941.3) 2017-09-01

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[13] A1
[51] **Int.Cl. C06D 3/00 (2006.01) C06D 7/00 (2006.01)**
[25] EN
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[54] **FUMEE DE CAPSAICINOIDE**
[72] BANISH, MICHAEL R., US
[72] FOSTER, JOSEPH W., US
[72] ERBACH, PETER S., US
[71] KNOWFLAME, INC., US
[85] 2019-09-16
[86] 2018-04-09 (PCT/US2018/026731)
[87] (WO2018/187809)
[30] US (15/482,481) 2017-04-07

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[13] A1
[51] **Int.Cl. G05B 13/04 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING CLOSED-CONTROL PARAMETERS FOR A HYDRAULIC SYSTEM**
[54] **PROCEDE DE DETERMINATION DE PARAMETRES DE REGULATION D'UN SYSTEME HYDRAULIQUE**
[72] ZEHETLEITNER, KURT, AT
[72] WICK, LUKAS, AT
[72] GRIESSLER, LEOPOLD, AT
[71] B&R INDUSTRIAL AUTOMATION GMBH, AT
[85] 2019-09-17
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[87] (WO2018/172341)
[30] AT (A50223/2017) 2017-03-20

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[54] **COMPOSES ET PROCEDES THERAPEUTIQUES**
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[72] NADIKUDI, MONILA, AU
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[72] PINAULT, PHILIPPE, FR
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[54] **PROTEINES DE FUSION DE NOROVIRUS ET PPV COMPRENANT DES PROTEINES DE FUSION DE NOROVIRUS**
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[72] D'AOUST, MARC-ANDRE, CA
[71] MEDICAGO INC., CA
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[54] **PROCEDE ET SYSTEME CRYPTOGRAPHIQUES SYMETRIQUES ET LEURS APPLICATIONS**
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[72] NORDIN, BRENT ERIC, CA
[72] SEGUIN, DANIEL MARCEL JOSEPH, CA
[72] SRIVASTAVA, PRATEEK, CA
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[72] EVERETT, MARTIN, FR
[72] SPRYNSKI, NICOLAS, FR
[72] SUTTON, JONATHAN MARK, GB
[72] BODNARCHUK, MICHAEL STEVEN, GB
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[72] CRIDLAND, ANDREW PETER, GB
[72] BLENCH, TOBY JONATHAN, GB
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[54] **CONSTRUCTIONS D'INDUCTEUR DE PRESENTATION D'ANTIGENE TUMORAL ET LEURS UTILISATIONS**
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[72] ESCOBAR-CABRERA, ERIC, CA
[71] ZYMEWORKS INC., CA
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[54] **SYSTEME DE CONVOYEUR EN SPIRALE POUR IMMERGER DES ARTICLES DANS UN LIQUIDE**
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[54] **METHODS AND COMPOSITIONS FOR STIMULATING IMMUNE RESPONSE**
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[72] SAHIN, UGUR, DE
[72] DIKEN, MUSTAFA, DE
[72] KLAMP, THORSTEN, DE
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[72] MENARD, PHILIPPE, CA
[71] DESIGN CONCEPT X INC., CA
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[54] **ENSEMBLE D'INFUSION, RECEPTACLE POURVU D'UN TEL ENSEMBLE D'INFUSION, KIT D'ASSEMBLAGE DE CELUI-CI, ET PROCEDES CORRESPONDANTS DE FABRICATION, DE COMMANDE ET D'UTILISATION ASSOCIES**
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[72] EISENBERG, ORIT, CA
[71] MENNA CORPORATION, CA
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[54] **PROCEDE D'ACCES ALEATOIRE, TERMINAL ET DISPOSITIF DE RESEAU**
[72] YANG, NING, CN
[72] LIU, JIANHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **SYSTEME DE PAROI DE SEPARATION PRESENTANT UNE FONCTION DE PURIFICATION D'AIR ET PROCEDE DE PURIFICATION D'AIR**
[72] TAN, DANJUN, CN
[72] WANG, PENGQI, CN
[72] HE, LIANG, CN
[72] WANG, YING, CN
[72] JIAN, MING, CN
[71] BEIJING NEW BUILDING MATERIALS PUBLIC LIMITED COMPANY, CN
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[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **COMPOSES PYRIMIDINYL-PYRIDYLOXY-NAPHTYLE ET PROCEDES DE TRAITEMENT DE MALADIES ET DE TROUBLES LIES A IRE1**
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[72] GIBBONS, PAUL, US
[72] LEE, WENDY, US
[72] LY, CUONG, US
[72] RUDOLPH, JOACHIM, US
[72] SCHWARZ, JACOB, US
[72] ASHKENAZI, AVI, US
[72] FU, LEO, CN
[72] LAI, TOMMY, CN
[72] WANG, FEI, CN
[72] BEVERIDGE, RAMSAY, CA
[72] ZHAO, LIANG, CA
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[72] LI, JIAN, US
[72] WU, LIANGMING, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] HOU, JILEI, US
[71] QUALCOMM INCORPORATED, US
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[54] **EQUIPEMENT D'UTILISATEUR, STATION DE BASE, ET PROCEDE ASSOCIE**
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[72] XIAO, FANGYING, CN
[72] CHANG, NINGJUAN, CN
[71] FG INNOVATION COMPANY LIMITED, CN
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[72] MOESSNER, EKKEHARD, CH
[72] KLEIN, CHRISTIAN, CH
[72] DAROWSKI, DIANA, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **EPROUVETTE POUR LA VALIDATION DE PARAMETRES OPERATOIRES D'UN PROCEDE DE FABRICATION ADDITIVE D'UNE PIECE PAR FUSION LASER SUR LITS DE POUDRE**
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[72] MARCHAND, ALEXIS, FR
[72] GERMAIN, AURELE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[71] GUANGDONG JMA CUSTOMIZE WINDOWS AND DOORS SYSTEM CO., LTD., CN
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[54] **PROCEDE D'IDENTIFICATION D'UNE DERIVATION SUJETTE A UN DEFAUT DE FUITE A LA TERRE D'UN RESEAU ELECTRIQUE TRIPHASE**
[72] AIGNER, MARKUS, AT
[72] SCHINERL, THOMAS, AT
[72] OSTERKORN, HARALD, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **VERRE FEUILLETE POUR LA MISE EN □UVRE D'UNE FONCTION HUD**
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[72] GU, YUNXIN, FR
[72] ZHOU, CHONG, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **POLYMERE IGNIFUGE, SON PROCEDE DE PREPARATION ET COMPOSITION DE POLYMERE THERMOPLASTIQUE COMPRENANT CELUI-CI**
[72] BADEL, THIERRY, FR
[71] RHODIA OPERATIONS, FR
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[54] **COLORANTS A CAFE A TEXTURE/SENSATION EN BOUCHE AMELIOREE ET SON PROCEDE DE FABRICATION**
[72] FU, JUN-TSE RAY, US
[72] SHER, ALEXANDER A., US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **GESTION DE SCORES D'HABITATION UTILISANT DES CONTRATS INTELLIGENTS DANS DES RESEAUX DE CHAINES DE BLOCS**
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[72] LI, YANPENG, CN
[72] CHENG, LONG, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
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[54] **PROCEDE DE PRODUCTION DE CORNETS DE GLACE ET PRODUIT AINSI OBTENU**
[72] LOPEZ OLMO, ELENA, ES
[72] LEIRA ALONSO, MARTA ARACELI, ES
[72] VINALLONGA PLA, JUAN, ES
[71] KH ALACANT INNOVA, S.L.U., ES
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[54] **PROCEDE DE FABRICATION DE PAPIER, DE CARTON OU ANALOGUE**
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[72] KARISALMI, KAISA, FI
[72] SOJAKKA, HEIKKI, SE
[71] KEMIRA OYJ, FI
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[54] **DISPOSITIF DE STOCKAGE DE CALORIES/FRIGORIES ERGONOMIQUE**
[72] MEFFRE, ANTOINE, FR
[72] HOFFMANN, JEAN-FRANCOIS, FR
[71] ECO-TECH CERAM, FR
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[54] **ANALYSEUR DE CONDENSAT D'HALEINE**
[72] FUNCH-NIELSEN, HELLE, DK
[71] EXHALATION TECHNOLOGY LIMITED, GB
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[51] **Int.Cl. C01B 3/02 (2006.01) C01C 1/04 (2006.01) C07C 29/151 (2006.01) C07C 31/04 (2006.01) C07C 45/38 (2006.01) C07C 47/04 (2006.01) C07C 273/04 (2006.01)**
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[54] **PROCESS FOR THE PRODUCTION OF FORMALDEHYDE-STABILIZED UREA**
[54] **PROCEDE DE PRODUCTION D'UREE STABILISEE PAR DU FORMALDEHYDE**
[72] BARKER, SAM, GB
[72] DAVISON, THOMAS, GB
[72] PACH, JOHN DAVID, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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[51] **Int.Cl. B25J 9/16 (2006.01) G05B 19/409 (2006.01) G05B 19/427 (2006.01)**
[25] EN
[54] **TEACH MODE COLLISION AVOIDANCE SYSTEM AND METHOD FOR INDUSTRIAL ROBOTIC MANIPULATORS**
[54] **SYSTEME ET PROCEDE D'EVITEMENT DE COLLISION EN MODE APPRENTISSAGE POUR MANIPULATEURS ROBOTISES INDUSTRIELS**
[72] KRASNY, DARREN, US
[72] SCHMID, ZACHARY, US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[30] US (62/485,159) 2017-04-13
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[13] A1
[51] **Int.Cl. F17C 13/08 (2006.01) F17C 6/00 (2006.01) F17C 9/02 (2006.01)**
[25] EN
[54] **SHIP/FLOATING STORAGE UNIT WITH DUAL CRYOGENIC CARGO TANK FOR LNG AND LIQUID NITROGEN**
[54] **UNITE DE STOCKAGE DE NAVIRE/FLOTTANTE AVEC DOUBLE CITERNE A CARGAISON CRYOGENIQUE POUR GNL ET AZOTE LIQUIDE**
[72] BALASUBRAMANIAN, SATHISH, US
[72] BLACKERT, AUSTIN, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2019-09-17
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[30] US (62/478,961) 2017-03-30

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[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **HYDRAULIC TURBINE BETWEEN MIDDLE AND COLD BUNDLES OF NATURAL GAS LIQUEFACTION HEAT EXCHANGER**
[54] **TURBINE HYDRAULIQUE ENTRE DES FAISCEAUX INTERMEDIAIRES ET FROIDS D'UN ECHANGEUR DE CHALEUR DE LIQUEFACTION DE GAZ NATUREL**
[72] MONDKAR, SUHAS P., US
[72] SITES, O. ANGUS, US
[72] WRIGHT, STEVE, US
[72] DOWNS, BRIAN, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **BEAM MULTIPLEXER FOR WRITING REFRACTIVE INDEX CHANGES IN OPTICAL MATERIALS**
[54] **MULTIPLEXEUR DE FAISCEAU DESTINE A ECRIRE DES CHANGEMENTS D'INDICE DE REFRACTION DANS DES MATERIAUX OPTIQUES**
[72] KNOX, WAYNE H., US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2019-09-17
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[54] **POWERING DOWNHOLE DEVICES**
[54] **ALIMENTATION ELECTRIQUE DE DISPOSITIFS DE FOND DE TROU**
[72] HUDSON, STEVE MARTIN, GB
[72] JARVIS, LESLIE DAVID, GB
[71] METROL TECHNOLOGY LTD, GB
[85] 2019-09-17
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[54] **MEDIA CONTENT TRACKING**
[54] **SUIVI DE CONTENU MULTIMEDIA**
[72] HOFFMAN, GUSTAV, US
[72] MURTHY, GANAPA SASHIDHARA, US
[71] KELLOGG COMPANY, US
[85] 2019-09-17
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[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 25/22 (2006.01) A01N 25/28 (2006.01) A01N 33/02 (2006.01) B01J 13/02 (2006.01)**
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[54] **MICROENCAPSULATED NITRIFICATION INHIBITOR COMPOSITIONS**
[54] **COMPOSITIONS D'INHIBITEUR DE NITRIFICATION MICRO-ENCAPSULEES**
[72] LI, MEI, US
[72] LOGAN, MARTIN C., US
[72] POWELS, GREG, US
[72] WILLIAMS, ALEX, US
[72] WILSON, STEPHEN L., US
[71] DOW AGROSCIENCES LLC, US
[85] 2019-09-17
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[51] **Int.Cl. A61K 31/192 (2006.01) A61P 27/02 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **DERIVATIVES OF SULINDAC CAN PROTECT NORMAL CELLS AGAINST OXIDATIVE DAMAGE**
[54] **DERIVES DE SULINDAC APTES A PROTEGER DES CELLULES NORMALES CONTRE LE STRESS OXYDATIF**
[72] PIAZZA, GARY, US
[72] CHEN, XI, US
[72] WEISSBACH, HERBERT, US
[72] ALLANI, SHAILAJA KESRAJU, US
[71] UNIVERSITY OF SOUTH ALABAMA, US
[85] 2019-09-17
[86] 2018-03-16 (PCT/US2018/022885)
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[30] US (62/472,785) 2017-03-17

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[51] **Int.Cl. B01D 45/12 (2006.01) B01D 35/30 (2006.01) B01D 45/16 (2006.01)**
[25] EN
[54] **LOW PROFILE DUST SEPARATOR**
[54] **SEPARATEUR DE POUSSIERE A PROFIL BAS**
[72] HUNTLEY, THOMAS, US
[71] HUNTLEY, THOMAS, US
[85] 2019-09-17
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[30] US (15/465,051) 2017-03-21

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[13] A1
[51] **Int.Cl. A61K 35/32 (2015.01) C12N 5/077 (2010.01) A61L 27/38 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED SCAFFOLD TO PROMOTE MENISCUS REPAIR**
[54] **ECHAFAUDAGE FONCTIONNALISE POUR FAVORISER LA REPARATION DU MENISQUE**
[72] LOTZ, MARTIN, US
[72] LEE, KWANG IL, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2019-09-17
[86] 2018-03-16 (PCT/US2018/023015)
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[30] US (62/472,917) 2017-03-17

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[51] **Int.Cl. G16H 40/63 (2018.01) G16H 10/60 (2018.01) G16H 50/20 (2018.01)**
[25] EN
[54] **PERSON ENGAGEMENT INDEX FOR PROVIDING AUTOMATED PERSONALIZED HEALTHCARE FUNCTIONS**
[54] **INDICE D'IMPLICATION PERSONNELLE DE PRESTATION DE FONCTIONS DE SOINS DE SANTE PERSONNALISEES AUTOMATISEES**
[72] DRENKARD, KAREN, US
[72] SWARTWOUT, ELLEN, US
[72] O'NEIL, MICHAEL J., US
[72] ROWE, STEPHEN, US
[71] GETWELLNETWORK, INC., US
[85] 2019-09-17
[86] 2018-03-17 (PCT/US2018/023036)
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[30] US (62/472,902) 2017-03-17
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[13] A1
[51] **Int.Cl. H02K 16/00 (2006.01) H02K 5/00 (2006.01) H02K 16/04 (2006.01) H02K 21/00 (2006.01) H02K 21/12 (2006.01)**
[25] EN
[54] **AXIAL FLUX MOTOR WITH BUILT-IN OPTICAL ENCODER**
[54] **MOTEUR A FLUX AXIAL ET A CODEUR OPTIQUE INTEGRE**
[72] MORSE, DAVID, US
[72] GINZBURG, ERIC, US
[71] MORSE, DAVID, US
[71] GINZBURG, ERIC, US
[85] 2019-09-17
[86] 2018-03-18 (PCT/US2018/023045)
[87] (WO2018/175267)
[30] US (15/468,667) 2017-03-24

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[13] A1
[51] **Int.Cl. H04B 10/61 (2013.01)**
[25] EN
[54] **OPTICAL COMMUNICATION SYSTEMS, DEVICES, AND METHODS INCLUDING HIGH PERFORMANCE OPTICAL RECEIVERS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE COMMUNICATION OPTIQUE COMPRENANT DES RECEPTEURS OPTIQUES HAUTE PERFORMANCE**
[72] JENSEN, JESPER, DK
[72] PEDERSEN, BO, DK
[71] BIFROST COMMUNICATIONS APS, DK
[85] 2019-09-17
[86] 2018-03-21 (PCT/IB2018/000360)
[87] (WO2018/172847)
[30] US (62/474,599) 2017-03-21

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[13] A1
[51] **Int.Cl. C07C 57/03 (2006.01) C07C 9/10 (2006.01) C07C 59/42 (2006.01)**
[25] EN
[54] **VERY-LONG-CHAIN POLYUNSATURATED FATTY ACIDS, ELOVANOID HYDROXYLATED DERIVATIVES, AND METHODS OF USE**
[54] **ACIDES GRAS POLYINSATURES A CHAINE TRES LONGUE, DERIVES HYDROXYLES D'ELOVANOID, ET PROCEDES D'UTILISATION**
[72] BAZAN, NICOLAS G., US
[72] PETASIS, NICOS A., US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2019-09-17
[86] 2018-03-19 (PCT/US2018/023082)
[87] (WO2018/175288)
[30] US (62/473,697) 2017-03-20
[30] US (62/609,531) 2017-12-22

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[13] A1
[51] **Int.Cl. G06F 17/00 (2019.01) G06K 9/00 (2006.01)**
[25] EN
[54] **ONLINE, INCREMENTAL REAL-TIME LEARNING FOR TAGGING AND LABELING DATA STREAMS FOR DEEP NEURAL NETWORKS AND NEURAL NETWORK APPLICATIONS**
[54] **APPRENTISSAGE EN TEMPS REEL, INCREMENTIEL, EN LIGNE POUR MARQUER ET ETIQUETER DES FLUX DE DONNEES POUR DES RESEAUX NEURONAUX PROFONDS ET DES APPLICATIONS DE RESEAUX NEURONAUX**
[72] NEVES, LUCAS, US
[72] DEBEASI, LIAM, US
[72] VERSACE, HEATHER AMES, US
[72] WURBS, JEREMY, US
[72] GORSHECHNIKOV, ANATOLY, US
[72] VERSACE, MASSIMILIANO, US
[72] KATZ, WARREN, US
[71] NEURALA, INC., US
[85] 2019-09-17
[86] 2018-03-19 (PCT/US2018/023155)
[87] (WO2018/170512)
[30] US (62/472,925) 2017-03-17

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[51] **Int.Cl. C07C 275/26 (2006.01) A61K 31/17 (2006.01) A61K 31/27 (2006.01) A61K 31/33 (2006.01) A61P 31/20 (2006.01) C07C 271/24 (2006.01) C07D 213/30 (2006.01) C07D 213/40 (2006.01) C07D 221/04 (2006.01) C07D 235/02 (2006.01) C07D 239/42 (2006.01) C07D 275/06 (2006.01) C07D 307/82 (2006.01) C07D 333/54 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED DIHYDROINDENE-4-CARBOXAMIDES AND ANALOGS THEREOF, AND METHODS USING SAME**
[54] **DIHYDROINDENE-4-CARBOXAMIDES SUBSTITUES, LEURS ANALOGUES ET PROCEDES D'UTILISATION CORRESPONDANT**
[72] COLE, ANDREW G., US
[72] DORSEY, BRUCE D., US
[72] KAKARLA, RAMESH, US
[72] KULTGEN, STEVEN, US
[72] QUINTERO, JORGE, US
[71] ARBUTUS BIOPHARMA CORPORATION, CA
[85] 2019-09-17
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[87] (WO2018/172852)
[30] US (62/474,263) 2017-03-21
[30] US (62/588,711) 2017-11-20

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[13] A1
[51] **Int.Cl. A61B 5/021 (2006.01)**
[25] EN
[54] **CENTRAL AORTIC BLOOD PRESSURE AND WAVEFORM CALIBRATION METHOD**
[54] **PRESSION ARTERIELLE AORTIQUE CENTRALE ET PROCEDE D'ETALONNAGE DE FORME D'ONDE**
[72] QASEM, AHMAD, AU
[71] ATCOR MEDICAL PTY LTD, AU
[85] 2019-09-17
[86] 2018-03-16 (PCT/IB2018/051770)
[87] (WO2018/167728)
[30] US (62/472,761) 2017-03-17

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[13] A1
[51] **Int.Cl. F16H 3/16 (2006.01) F16D 11/10 (2006.01)**
[25] EN
[54] **TRANSMISSION GEARBOX FOR A MOTOR VEHICLE AND SADDLED VEHICLE COMPRISING SUCH A TRANSMISSION GEARBOX**
[54] **BOITE DE TRANSMISSION POUR VEHICULE MOTORISE ET VEHICULE A SELLE COMPRENANT UNE TELLE BOITE DE TRANSMISSION**
[72] MAGHERINI, ADRIANO, IT
[72] SESTINI, MARIO, IT
[71] PIAGGIO & C. S.P.A., IT
[85] 2019-09-17
[86] 2018-03-22 (PCT/IB2018/051926)
[87] (WO2018/172969)
[30] IT (102017000031648) 2017-03-22

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[13] A1
[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/4745 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **INDAZOLE INHIBITORS OF FRUCTOKINASE (KHK) AND METHODS OF USE IN TREATING KHK-MEDIATED DISORDERS OR DISEASES**
[54] **INHIBITEURS D'INDAZOLE DE LA FRUCTOKINASE (KHK) ET METHODES D'UTILISATION DANS LE TRAITEMENT DE TROUBLES OU DE MALADIES A MEDIATION PAR KHK**
[72] DUGAR, SUNDEEP, US
[72] LANASPA, MIGUEL, US
[72] LE, MYPHUONG THI, US
[72] GREENLEE, WILLIAM JOHN, US
[71] REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2019-09-17
[86] 2018-03-19 (PCT/US2018/023186)
[87] (WO2018/170517)
[30] US (62/473,005) 2017-03-17

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/0783 (2010.01) C07K 14/52 (2006.01) C07K 17/08 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODULATION OF IMMUNE CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR LA MODULATION DE CELLULES IMMUNITAIRES**
[72] KEVLAHAN, SEAN H., US
[72] BALL, ANDREW, US
[72] QIN, GUOKUI, US
[72] WELLS, STEVEN B., US
[72] JESURAJ, NITHYA JOTHI, US
[72] COLE, JULIE M., US
[71] QT HOLDINGS CORP, US
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[87] (WO2018/175408)
[30] US (62/473,730) 2017-03-20

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING OBJECTS INCLUDING MOBILE MATRIX CARRIER SYSTEMS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT DES SYSTEMES DE SUPPORTS MATRICIELS MOBILES**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD. JR., US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY, INC., US
[85] 2019-09-17
[86] 2018-03-20 (PCT/US2018/023339)
[87] (WO2018/175425)
[30] US (62/473,790) 2017-03-20
[30] US (62/578,030) 2017-10-27

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[13] A1
[51] **Int.Cl. A61K 31/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR TREATING HEMATOLOGICAL DISORDERS**
[54] **COMPOSES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES HEMATOLOGIQUES**
[72] GUMMADI, VENKATESHWAR RAO, IN
[72] SAMAJDAR, SUSANTA, IN
[72] NELLORE, KAVITHA, IN
[72] DAGINAKATTE, GIRISH, IN
[72] BALASUBRAMANIAN, WESLEY ROY, IN
[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN
[85] 2019-09-17
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[87] (WO2018/178947)
[30] IN (201741011785) 2017-03-31

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[13] A1
[51] **Int.Cl. B65G 67/02 (2006.01) B65G 1/04 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING OBJECTS INCLUDING TRANSPORT VEHICLES**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS COMPRENANT DES VEHICULES DE TRANSPORT**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTPHER, US
[72] HINCHEY, VICTORIA, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY, INC., US
[85] 2019-09-17
[86] 2018-03-20 (PCT/US2018/023396)
[87] (WO2018/175466)
[30] US (62/473,825) 2017-03-20

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[13] A1
[51] **Int.Cl. F42B 7/02 (2006.01) F42B 5/02 (2006.01) F42B 5/03 (2006.01) F42B 7/04 (2006.01) F42B 7/08 (2006.01)**
[25] EN
[54] **BIODEGRADABLE SHOTGUN GAS SEALING WAD**
[54] **BOURRE BIODEGRADABLE D'ETANCHEITE AUX GAZ POUR FUSIL DE CHASSE**
[72] HAVENS, KIRK J., US
[72] STANHOPE, DAVID M., US
[72] ANGSTADT, KORY T., US
[72] MCDEVITT, JASON P., US
[71] COLLEGE OF WILLIAM & MARY, US
[85] 2019-09-17
[86] 2018-03-20 (PCT/US2018/023402)
[87] (WO2018/175471)
[30] US (62/474,152) 2017-03-21
[30] US (62/474,157) 2017-03-21

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[13] A1
[51] **Int.Cl. C12Q 1/6886 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6858 (2018.01) C12Q 1/6876 (2018.01)**
[25] EN
[54] **GENOMIC STABILITY PROFILING**
[54] **PROFILAGE DE STABILITE GENOMIQUE**
[72] XIAO, NIANQING, US
[72] SPETZLER, DAVID, US
[71] CARIS MPI, INC., US
[85] 2019-09-17
[86] 2018-03-20 (PCT/US2018/023438)
[87] (WO2018/175501)
[30] US (62/474,035) 2017-03-20
[30] US (62/532,855) 2017-07-14
[30] US (62/622,679) 2018-01-26
[30] US (62/631,381) 2018-02-15

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/00 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **OPTICAL DRY POWDER INHALER DOSE SENSOR**
[54] **CAPTEUR OPTIQUE DE DOSE D'INHALATEUR DE POUDRE SECHE**
[72] WEITZEL, DOUGLAS, US
[72] CHAN, PHILIP, US
[71] MICRODOSE THERAPEUTX, INC., US
[85] 2019-09-17
[86] 2018-03-21 (PCT/US2018/023562)
[87] (WO2018/175579)
[30] US (62/475,095) 2017-03-22

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61L 24/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPLANTING AND SECURING A BIOPROSTHETIC DEVICE TO WET TISSUE**
[54] **SYSTEME ET PROCEDE D'IMPLANTATION ET DE FIXATION D'UN DISPOSITIF BIOPROTHETIQUE SUR UN TISSU HUMIDE**
[72] TIAN, BIN, US
[72] RODRIGUEZ, RODOLFO, US
[72] CAMPBELL, LOUIS A., US
[72] CLAESSENS, STEVEN M., US
[72] MARTINEZ, CAROLYN SUE, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **LOW-PROFILE BEAM SPLITTER**
[54] **DIVISEUR DE FAISCEAU PEU ENCOMBRANT**
[72] TRISNADI, JAHJA I., US
[72] ST. HILAIRE, PIERRE, US
[72] CHENG, HUI-CHUAN, US
[72] CARLISLE, CLINTON, US
[72] KLUG, MICHAEL ANTHONY, US
[72] CURTIS, KEVIN RICHARD, US
[71] MAGIC LEAP, INC., US
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[54] **METHODS, DEVICES, AND SYSTEMS FOR ILLUMINATING SPATIAL LIGHT MODULATORS**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES D'ECLAIRAGE DE MODULATEURS SPATIAUX DE LUMIERE**
[72] CHENG, HUI-CHUAN, US
[72] CHUNG, HYUNSUN, US
[72] TRISNADI, JAHJA I., US
[72] CARLISLE, CLINTON, US
[72] CURTIS, KEVIN RICHARD, US
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[71] MAGIC LEAP, INC., US
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[54] **CROWDSOURCED MAPPING OF ENVIRONMENTAL HAZARDS**
[54] **CARTOGRAPHIE A EXTERNALISATION OUVERTE DE RISQUES ENVIRONNEMENTAUX**
[72] CASAREZ, CHRISTOPHER RAMIRO, US
[72] LITTLE, MICHAEL JAMES, US
[71] DOMINION ENGINEERING, INC., US
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[54] **REFLECTOR MARKERS AND SYSTEMS AND METHODS FOR IDENTIFYING AND LOCATING THEM**
[54] **MARQUEURS REFLECHISSANTS ET SYSTEMES ET PROCEDES POUR IDENTIFIER ET LOCALISER CEUX-CI**
[72] GREENE, JOHN E., US
[72] RULKOV, NIKOLAI, US
[72] WHITE, JONATHAN, US
[71] CIANNA MEDICAL, INC., US
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[54] **COMBINAISONS DE YERSINIA ENTOMOPHAGA ET DE PESTICIDES OU AUTRES SUBSTANCES**
[72] HAHNE, CHRISTOPHER, US
[72] LELAND, JARROD, US
[72] RUSSELL, CALUM, US
[71] NOVOZYMES BIOAG A/S, DK
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[54] **RECIPIENTS DE FLUIDE ET SYSTEMES ET PROCEDES DE DETECTION D'UN NIVEAU DE FLUIDE EN LEUR SEIN**
[72] LUDIN, LEV, US
[72] DEFUSCO, MICHAEL, US
[71] INTEGRA LIFESCIENCES SWITZERLAND SARL, CH
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[54] **FRITTAGE DE DIODES ELECTROLUMINESCENTES PULSEES**
[72] EDLITZ, YOCHAI, IL
[71] NANO-DIMENSION TECHNOLOGIES, LTD., IL
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[54] **6-6 FUSED BICYCLIC HETEROARYL COMPOUNDS AND THEIR USE AS LATS INHIBITORS**
[54] **COMPOSES HETEROARYLE BICYCLIQUES FUSIONNES EN 6-6 ET LEUR UTILISATION COMME INHIBITEURS DE LATS**
[72] BEHNKE, DIRK, CH
[72] BERENSHTEYN, FRADA, US
[72] HAO, XUESHI, US
[72] HOFFMAN, TIMOTHY, US
[72] JIN, QIHUI, US
[72] LACOSTE, ARNAUD, US
[72] LEE, CAMERON, US
[72] LIU, JUN, US
[72] LIU, YAHU, US
[72] MAIBAUM, JUERGEN KLAUS, CH
[72] MO, TINGTING, US
[72] PAN, JIANFENG, US
[72] QU, XIN, US
[72] TCHORZ, JAN, CH
[72] XIE, YUN FENG, US
[72] YAN, SHANSHAN, US
[72] ZOU, YEFEN, US
[71] NOVARTIS AG, CH
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[54] **STATION ET SYSTEME DE RECHARGE RAPIDE DE VEHICULE ELECTRIQUE (EV)**
[72] STANFIELD, JAMES RICHARD, US
[71] THE NOCO COMPANY, US
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[54] **TERMINAL UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] HARADA, HIROKI, JP
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
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[54] **FUSED TRIAZOLO-PYRIMIDINE COMPOUNDS HAVING USEFUL PHARMACEUTICAL APPLICATION**
[54] **COMPOSES DE TRIAZOLO-PYRIMIDINE FUSIONNES AYANT UNE APPLICATION PHARMACEUTIQUE UTILE**
[72] ROMANOV, SERGEI, US
[72] GREENHOUSE, ROBERT, US
[72] SEPETOV, NIKOLAI, US
[71] NANOSYN, INC., US
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[54] **VEHICULAR EXTERIOR COMPONENT AND ATTACHMENT STRUCTURE FOR THE SAME**
[54] **COMPOSANT EXTERIEUR DE VEHICULE ET STRUCTURE DE FIXATION ASSOCIEE**
[72] ONUKI, SOJI, JP
[71] FALTEC CO., LTD., JP
[85] 2019-09-17
[86] 2018-03-08 (PCT/JP2018/008959)
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[54] **METHODS FOR DIAGNOSING AND TREATING INFLAMMATORY BOWEL DISEASE**
[54] **PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE DE L'INTESTIN**
[72] M'KOMA, AMOSY, US
[71] MEHARRY MEDICAL COLLEGE, US
[85] 2019-09-17
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[54] **PARTITION MEMBER AND ASSEMBLED BATTERY**
[54] **ELEMENT DE SEPARATION ET BLOC-BATTERIE**
[72] KAWAI, TOMOHIRO, JP
[72] WATANABE, YOKO, JP
[72] SOGA, IWAO, JP
[71] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2019-09-17
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[25] EN
[54] **METHOD FOR PRODUCING CARBOXYLATED NITRILE RUBBER**
[54] **PROCEDE DE PRODUCTION D'UN CAOUTCHOUC NITRILE CARBOXYLE**
[72] YOSHIMURA, TSUTOMU, JP
[71] ZEON CORPORATION, JP
[85] 2019-09-17
[86] 2018-03-16 (PCT/JP2018/010452)
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[54] **CONTINUOUS PRODUCTION OF FUEL GRADE HYDROCARBONS BY HYDROTREATMENT OF FUNCTIONALIZED LIGNIN**
[54] **PRODUCTION EN CONTINU D'HYDROCARBURES DE QUALITE CARBURANT PAR HYDROTRAITEMENT DE LIGNINE FONCTIONNALISEE**
[72] DAHLSTRAND, CHRISTIAN, SE
[72] SAMEC, JOSEPH, SE
[71] REN FUEL K2B AB, SE
[85] 2019-09-17
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[54] **JOINTS DE COMMANDE DE PRESSION POUR ACTIONNEMENT DE MEMBRANES DE CASSETTE DE POMPE**
[72] OVERSON, JASON M., US
[72] KAROL, DANIEL S., US
[72] SCARPACI, JACOB W., US
[72] MANNISTO, JOHN F., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **CONCENTRATION MANAGEMENT IN FLOW BATTERY SYSTEMS USING AN ELECTROCHEMICAL BALANCING CELL**
[54] **GESTION DE CONCENTRATION DANS DES SYSTEMES DE BATTERIE A CIRCULATION UTILISANT UNE CELLULE D'EQUILIBRAGE ELECTROCHIMIQUE**
[72] LORETZ, JEREMY, US
[72] DUFFEY, KEAN, US
[72] LEE, SOPHIA, US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
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[54] **VISCOSITY MODIFIERS AND METHODS OF USE THEREOF**
[54] **MODIFICATEURS DE VISCOSITE ET PROCEDES D'UTILISATION ASSOCIES**
[72] BRYANT, SHANNON E., US
[72] MONROE, TERRY D., US
[72] BHADURI, SUMIT, US
[72] VORDERBRUGGEN, MARK A., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **NANOCELLULOSES AND BIOGUMS FOR VISCOSITY MODIFICATION**
[54] **NANOCELLULOSES ET BIOGOMMES POUR MODIFICATION DE VISCOSITE**
[72] HALL, LEE J., US
[72] ROJAS, ORLANDO JOSE, US
[72] ARAUJO, CARLOS LUIS SALAS, US
[72] DEVILLE, JAY PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD OF TREATMENT OF SKIN CONDITIONS OF EYE LIDS**
[54] **METHODE DE TRAITEMENT D'AFFECTIONS CUTANEES DES PAUPIERES**
[72] STAFFORD, VIVI ROBYN, US
[71] STAFFORD, VIVI ROBYN, US
[85] 2019-09-17
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[54] **RECOMBINANT HOST CELL WITH ALTERED MEMBRANE LIPID COMPOSITION**
[54] **CELLULE HOTE RECOMBINANTE A COMPOSITION LIPIDIQUE MEMBRANAIRE MODIFIEE**
[72] GRILLITSCH, KARLHEINZ, AT
[72] DAUM, GUENTHER, AT
[72] GRUTSCH, ANDREAS, AT
[71] BOEHRINGER INGELHEIM RCV GMBH & CO KG, AT
[71] VALIDOGEN GMBH, AT
[71] LONZA LTD, CH
[71] BOEHRINGER INGELHEIM RCV GMBH & CO KG, AT
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[86] 2018-03-28 (PCT/EP2018/057853)
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[54] **WEARABLE DISPLAY DEVICE UTILIZING A COMPOSITE FIELD OF VIEW**
[54] **DISPOSITIF D'AFFICHAGE PORTABLE UTILISANT UN CHAMP DE VISION COMPOSITE**
[72] SCHOWENGERDT, BRIAN T., US
[72] YEOH, IVAN LI CHUEN, US
[72] EDWIN, LIONEL ERNEST, US
[71] MAGIC LEAP, INC., US
[85] 2019-09-17
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[54] **SYSTEMS AND METHODS FOR PROCESSING OBJECTS, INCLUDING AUTOMATED RADIAL PROCESSING STATIONS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'OBJETS, COMPRENANT DES STATIONS DE TRAITEMENT RADIALES AUTOMATISEES**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] AMEND, JOHN RICHARD, JR., US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] FORT, WILLIAM HARTMAN, US
[72] GEYER, CHRISTOPHER, US
[72] KING, JENNIFER EILEEN, US
[72] KOLETSCHKA, THOMAS, US
[72] KOVAL, MICHAEL CAP, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW T., US
[72] MCMAHAN, WILLIAM CHU-HYON, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY, INC., US
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[54] **DRUGS AND COMPOSITIONS FOR THE TREATMENT OF OCULAR DISORDERS**
[54] **COMPOSES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES OCULAIRES**
[72] CLELAND, JEFFREY L., US
[72] YANG, MING, US
[72] BAUMAN, JOHN G., US
[72] HOANG, NU, US
[72] CUNNINGHAM, EMMETT, US
[71] GRAYBUG VISION, INC., US
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[25] EN
[54] **DYNAMIC FIELD OF VIEW VARIABLE FOCUS DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE A FOYER VARIABLE A CHAMP DE VISION DYNAMIQUE**
[72] YEOH, IVAN LI CHUEN, US
[72] EDWIN, LIONEL ERNEST, US
[72] SCHOWENGERDT, BRIAN T., US
[72] KLUG, MICHAEL ANTHONY, US
[72] TRISNADI, JAHJA I., US
[71] MAGIC LEAP, INC., US
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[54] **METHODS OF TREATING LIVER DISEASE**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE HEPATIQUE**
[72] BATES, JAMIE GEIER, US
[72] BRECKENRIDGE, DAVID GORDON CLARKSON, US
[72] BUDAS, GRANT RAYMOND, US
[71] GILEAD SCIENCES, INC., US
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[30] US (62/477,859) 2017-03-28
[30] US (62/482,097) 2017-04-05
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[25] EN
[54] **SELECTIVELY PERMEABLE GRAPHENE OXIDE MEMBRANE**
[54] **MEMBRANE D'OXYDE DE GRAPHENE SELECTIVEMENT PERMEABLE**
[72] ZHENG, SHIJUN, US
[72] LIN, WEIPING, US
[72] YAMASHIRO, YUJI, JP
[72] KITAHARA, ISAMU, US
[72] ERICSON, JOHN, US
[72] SIDDIQUI, OZAIR, US
[72] HSIEH, WANYUN, US
[72] WANG, PENG, US
[72] BARTELS, CRAIG ROGER, US
[72] KOBUKE, MAKOTO, JP
[72] NOUMI, SHUNSUKE, JP
[71] NITTO DENKO CORPORATION, JP
[85] 2019-09-17
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[25] EN
[54] **VLP-BASED BIVALENT EBOLA VACCINES AND METHODS OF MAKING AND USING SAME**
[54] **VACCINS BIVALENTS A BASE DE VLP CONTRE LE VIRUS EBOLA ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SINGH, KARNAIL, US
[72] SPEARMAN, PAUL, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2019-09-17
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[30] US (62/477,480) 2017-03-28

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[54] **SYSTEM AND METHOD FOR FORECASTING SNOWFALL PROBABILITY DISTRIBUTIONS**
[54] **SYSTEME ET PROCEDE DE PREVISION DE DISTRIBUTIONS DE PROBABILITE DE CHUTE DE NEIGE**
[72] DEPODWIN, DAN, US
[72] PORTER, JONATHAN, US
[72] ROOT, MICHAEL R., US
[71] ACCUWEATHER, INC., US
[85] 2019-09-17
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[54] **HIGH LEVEL IN VIVO BIOSYNTHESIS AND ISOLATION OF WATER-SOLUBLE CANNABINOIDS IN PLANT SYSTEMS**
[54] **BIOSYNTHESE ET ISOLEMENT IN VIVO A HAUT NIVEAU DE CANNABINOIDES SOLUBLES DANS L'EAU DANS DES SYSTEMES VEGETAUX**
[72] SAYRE, RICHARD T., US
[72] GONCALVES, ELTON CARVALHO, US
[72] ZIDENGA, TAWANDA, US
[71] TRAIT BIOSCIENCES, INC., US
[85] 2019-09-17
[86] 2018-03-26 (PCT/US2018/024409)
[87] (WO2018/176055)
[30] US (62/476,080) 2017-03-24
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[54] **CRANIAL FIXATION DEVICE**
[54] **DISPOSITIF DE FIXATION CRANIENNE**
[72] DEFUSCO, MICHAEL, US
[72] SCHORN, GREGORY M., US
[71] INTEGRA LIFESCIENCES CORPORATION, US
[85] 2019-09-17
[86] 2018-04-02 (PCT/US2018/025691)
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[25] EN
[54] **X-RAY DETECTABLE FABRIC AND ITS USE IN SURGICAL PATTIES AND SPONGES**
[54] **TEXTILE DETECTABLE PAR RAYONS X ET SON UTILISATION DANS DES MOYENS D'ABSORPTION ET DES EPONGES CHIRURGICALES**
[72] MEDEIROS, JASON, US
[71] INTEGRA LIFESCIENCES CORPORATION, US
[85] 2019-09-17
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[54] **METHOD OF MANUFACTURING A MANIFOLD**
[54] **PROCEDE DE FABRICATION DE COLLECTEUR**
[72] GAILLARD, PATRICE FABIEN, US
[72] PLUMPTON, JAMES OSBORNE, US
[72] ARSAN, SAMI SAMUEL, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[25] EN
[54] **PROVIDING CRYPTOCURRENCY PAYMENTS THROUGH A BROWSER APPLICATION PROGRAMMING INTERFACE**
[54] **PERMETTRE DES PAIEMENTS DE CRYPTOMONNAIE PAR L'INTERMEDIAIRE D'UNE INTERFACE DE PROGRAMMATION D'APPLICATION DE NAVIGATEUR**
[72] ISAACSON, THOMAS, US
[72] DURHAM, RYAN, US
[71] MONTICELLO ENTERPRISES LLC, US
[85] 2019-09-17
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[30] US (15/947,395) 2018-04-06

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[13] A1
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[25] EN
[54] **SANDALS CUSTOMIZED FOR A WEARER'S FEET AND METHOD OF MANUFACTURING SAME**
[54] **SANDALES PERSONNALISEES POUR LES PIEDS D'UN UTILISATEUR ET PROCEDE POUR LEUR FABRICATION**
[72] SALMON, MICHAEL, CA
[72] HARGOVAN, SHAMIL, CA
[72] LAWSON, COLIN, CA
[72] FENNELL, CARLY, CA
[72] BEWZA, ENGER, CA
[72] BELLAMY, CHRIS, CA
[72] ZACHRITZ, HANNAH, CA
[72] MONTALVO, CARLOS, CA
[72] AGGARWAL, MANUJ, CA
[71] WIIVV WEARABLES INC., CA
[85] 2019-09-18
[86] 2018-03-22 (PCT/CA2018/000060)
[87] (WO2018/170580)
[30] US (62/475,099) 2017-03-22
[30] CA (PCT/CA2017/000166) 2017-06-30

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[51] **Int.Cl. B60C 23/00 (2006.01) B60G 17/052 (2006.01) B60G 11/27 (2006.01)**
[25] EN
[54] **LOAD-BASED TIRE INFLATION SYSTEM FOR HEAVY-DUTY VEHICLES**
[54] **SYSTEME DE GONFLAGE DE PNEU REPOSANT SUR LA CHARGE POUR VEHICULES UTILITAIRES LOURDS**
[72] WILSON, MATT J., US
[72] CERVANTEZ, JESSE W., US
[72] ZAWACKI, JEFF R., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2019-09-17
[86] 2018-06-14 (PCT/US2018/037450)
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[51] **Int.Cl. C04B 7/02 (2006.01) C04B 22/06 (2006.01) C04B 22/08 (2006.01) C04B 22/12 (2006.01) C04B 22/14 (2006.01) C04B 28/02 (2006.01) C04B 28/18 (2006.01) C04B 40/02 (2006.01)**
[25] EN
[54] **CARBONATABLE CALCIUM SILICATE-BASED CEMENTS AND CONCRETES HAVING MINERAL ADDITIVES, AND METHODS THEREOF**
[54] **CIMENTS ET BETONS A BASE DE SILICATE DE CALCIUM POUVANT ETRE CARBONATES PRESENTANT DES ADDITIFS MINERAUX ET PROCEDES ASSOCIES**
[72] TAS, AHMET CUNEYT, US
[72] RAVIKUMAR, DEEPAK, US
[72] BRYANT, JASON E., US
[71] SOLIDIA TECHNOLOGIES, INC., US
[85] 2019-09-17
[86] 2018-03-22 (PCT/US2018/023807)
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[30] US (62/475,384) 2017-03-23

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[51] **Int.Cl. H05B 37/00 (2006.01) F21K 9/00 (2016.01) F21S 2/00 (2016.01) H02M 3/00 (2006.01)**
[25] EN
[54] **LED APPARATUS WITH INTEGRATED POWER SUPPLY AND A METHOD OF EMPLOYING SAME**
[54] **APPAREIL A DEL A ALIMENTATION ELECTRIQUE INTEGREE ET SON PROCEDE D'UTILISATION**
[72] PAHLEVANINEZHAD, MAJID, CA
[72] SCHERWITZ, SAM, CA
[71] 10644137 CANADA INC., CA
[85] 2019-09-18
[86] 2018-03-22 (PCT/CA2018/050346)
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[51] **Int.Cl. C12Q 1/6809 (2018.01) C12N 15/113 (2010.01) C12Q 1/6883 (2018.01) G16B 20/00 (2019.01) G16B 25/10 (2019.01) C12Q 1/68 (2018.01) G01N 33/50 (2006.01)**
[25] EN
[54] **ANALYSIS OF AUTISM SPECTRUM DISORDER**
[54] **ANALYSE DE TROUBLE DU SPECTRE AUTISTIQUE**
[72] HICKS, STEVEN D., US
[72] MIDDLETON, FRANK A., US
[72] UHLIG, RICHARD, US
[72] RAJAN, ALEXANDER, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[71] PENN STATE RESEARCH FOUNDATION, US
[71] QUADRANT BIOSCIENCES INC., US
[85] 2019-09-17
[86] 2018-03-22 (PCT/US2018/023821)
[87] (WO2018/175759)
[30] US (62/474,339) 2017-03-21
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[30] US (62/484,357) 2017-04-11
[30] US (62/502,124) 2017-05-05
[30] US (62/554,154) 2017-09-05
[30] US (62/590,446) 2017-11-24
[30] US (62/622,341) 2018-01-26

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[13] A1
[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 59/16 (2006.01) A01N 59/20 (2006.01) B27K 3/00 (2006.01)**
[25] EN
[54] **SOLVENT-BORNE WOOD PRESERVATIVE COMPOSITIONS**
[54] **COMPOSITIONS DE CONSERVATION DE BOIS A BASE DE SOLVANT**
[72] ZHANG, JUN, US
[72] ISLAM, MD SAYFUL, US
[71] KOPPERS PERFORMANCE CHEMICALS INC., US
[85] 2019-09-17
[86] 2018-03-22 (PCT/US2018/023832)
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[30] US (62/476,067) 2017-03-24

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[51] **Int.Cl. G01R 22/10 (2006.01) G06Q 30/06 (2012.01) G01R 21/133 (2006.01)**
[25] EN
[54] **ELECTRICITY CONSUMPTION METER WITH PIGGY BACKED E-COMMERCE SYSTEM AND METHOD**
[54] **COMPTEUR DE CONSOMMATION D'ELECTRICITE JUMELE A UN SYSTEME DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**
[72] NGUYEN, MY T., VN
[72] TRUONG, LUONG V., VN
[72] HONG, CUONG Q., VN
[72] MAI, BIEN T. THU, VN
[72] TRINH, AN, VN
[72] LE, TRIEU T., VN
[72] NGUYEN, THONG A., VN
[72] DUONG, KHANG M., VN
[71] RYNAN TECHNOLOGIES PTE LTD, SG
[85] 2019-09-18
[86] 2018-03-26 (PCT/CA2018/050360)
[87] (WO2018/176127)
[30] US (62/477,569) 2017-03-28

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[51] **Int.Cl. C12N 15/62 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07K 14/47 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 14/78 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **ENGINEERED T-CELL MODULATING MOLECULES AND METHODS OF USING SAME**
[54] **MOLECULES MODULATRICES DE LYMPHOCYTES T GENETIQUEMENT MODIFIEES ET PROCEDES D'UTILISATION ASSOCIES**
[72] PRODEUS, AARON, CA
[72] GARIEPY, JEAN, CA
[72] ALWASH, MAYS ABDULKAREE, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2019-09-18
[86] 2018-03-28 (PCT/CA2018/050382)
[87] (WO2018/176144)
[30] US (62/478,198) 2017-03-29
[30] US (62/590,848) 2017-11-27

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[51] **Int.Cl. C04B 38/02 (2006.01) C04B 22/08 (2006.01) C04B 28/02 (2006.01) C04B 40/02 (2006.01)**
[25] EN
[54] **MINERAL ADDITIVES AND PRODUCTION OF LIGHTWEIGHT COMPOSITE MATERIALS FROM CARBONATABLE CALCIUM SILICATE**
[54] **ADDITIFS MINERAUX ET PRODUCTION DE MATERIAUX COMPOSITES LEGERS A PARTIR DE SILICATE DE CALCIUM POUVANT ETRE CARBONISE**
[72] TAS, AHMET CUNEYT, US
[71] SOLIDIA TECHNOLOGIES, INC., US
[85] 2019-09-17
[86] 2018-03-22 (PCT/US2018/023834)
[87] (WO2018/175769)
[30] US (62/475,403) 2017-03-23

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[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/47 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) C07D 215/18 (2006.01)**
[25] EN
[54] **METHOD OF TREATMENT AND DEVICE FOR THE IMPROVED BIOAVAILABILITY OF LEUKOTRIENE RECEPTOR ANTAGONISTS**
[54] **METHODE DE TRAITEMENT ET DISPOSITIF POUR LA BIODISPONIBILITE AMELIOREE D'ANTAGONISTES DES RECEPTEURS DES LEUCOTRIENES**
[72] PAIEMENT, NADINE, CA
[72] ZERBE, HORST G., CA
[72] CONWAY, JUSTIN W., CA
[72] OBEID, RODOLPHE, CA
[71] INTELGENX CORP., CA
[85] 2019-09-18
[86] 2018-03-29 (PCT/CA2018/050389)
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[30] US (62/478,876) 2017-03-30

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[51] **Int.Cl. C07D 493/22 (2006.01) A61K 31/357 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MACROCYCLIC COMPOUND AND USES THEREOF**
[54] **COMPOSE MACROCYCLIQUE ET UTILISATIONS CORRESPONDANTES**
[72] KISHI, YOSHITO, US
[72] KIRA, KAZUNOBU, JP
[72] ITO, KEN, JP
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2019-09-17
[86] 2018-04-03 (PCT/US2018/025887)
[87] (WO2018/187331)
[30] US (62/482,030) 2017-04-05
[30] US (62/526,677) 2017-06-29
[30] US (15/814,105) 2017-11-15
[30] US (62/586,416) 2017-11-15

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[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **DIRECT-TO-METAL COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DIRECT SUR METAL**
[72] AVUDAIAPPAN, SUNDARESAN, US
[72] NOVELLI, WENDY M., US
[72] DESAI, GANESH S., US
[71] SWIMC LLC, US
[85] 2019-09-17
[86] 2018-04-04 (PCT/US2018/026025)
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[30] US (62/481,157) 2017-04-04

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[51] **Int.Cl. G01L 1/04 (2006.01) G01L 1/10 (2006.01) G01L 1/22 (2006.01) G01L 5/00 (2006.01) G01L 5/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MEASURING A LOAD**
[54] **DISPOSITIF ET PROCEDE SERVANT A MESURER UNE CHARGE**
[72] STUKER, OLIVIER, CH
[71] DIGI SENS HOLDING AG, CH
[85] 2019-09-18
[86] 2018-03-09 (PCT/CH2018/050009)
[87] (WO2018/170610)
[30] CH (360/17) 2017-03-21
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[51] **Int.Cl. G06F 11/36 (2006.01)**
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[54] **MACHINE LEARNED DECISION GUIDANCE FOR ALERTS ORIGINATING FROM MONITORING SYSTEMS**
[54] **CONSEIL DE DECISION PAR APPRENTISSAGE AUTOMATIQUE POUR DES ALERTES PROVENANT DE SYSTEMES DE SURVEILLANCE**
[72] VIKJORD, VIDAR V., US
[72] KARLBERG, JAN-OVE, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2019-09-17
[86] 2018-04-06 (PCT/US2018/026380)
[87] (WO2018/200154)
[30] US (15/495,255) 2017-04-24

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[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/18 (2006.01) C08K 5/10 (2006.01)**
[25] EN
[54] **LOW-VOC POLYURETHANE ADHESIVE**
[54] **ADHESIF DE POLYURETHANE A FAIBLE TENEUR EN COV**
[72] KAPLAN, WARREN A., US
[72] WOLEK, SARAH, US
[71] STEPAN COMPANY, US
[85] 2019-09-17
[86] 2018-04-09 (PCT/US2018/026680)
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[30] US (62/483,531) 2017-04-10

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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/02 (2012.01) A01C 1/00 (2006.01)**
[25] EN
[54] **AGRONOMY CALCULATOR TOOL AND METHOD**
[54] **OUTIL ET PROCEDE DE CALCUL AGRONOMIQUE**
[72] COOLIDGE, MICHAEL, CA
[72] SCHMALTZ, REMI, CA
[72] SCHMALTZ, TASHA, CA
[72] DONALD, GARTH, CA
[71] DECISIVE FARMING CORP., CA
[85] 2019-09-18
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[30] US (62/483,854) 2017-04-10

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[51] **Int.Cl. C08F 210/00 (2006.01) C07F 7/08 (2006.01) C08F 4/42 (2006.01) C08F 210/06 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING PROPYLENE COPOLYMERS WITH LOW VOC CONTENT**
[54] **PROCEDE DE PRODUCTION DE COPOLYMERES DE PROPYLENE A FAIBLE TENEUR EN COV**
[72] VAN EGMOND, JAN W., US
[72] KAARTO, JOHN K., US
[71] W. R. GRACE & CO.-CONN., US
[85] 2019-09-17
[86] 2018-04-10 (PCT/US2018/026811)
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[30] US (62/484,548) 2017-04-12

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[51] **Int.Cl. H04W 72/08 (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] TANG, HAI, CN
[72] XU, HUA, CA
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2019-09-18
[86] 2017-03-24 (PCT/CN2017/078049)
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[51] **Int.Cl. A63F 13/63 (2014.01)**
[25] EN
[54] **THREE-DIMENSIONAL ENVIRONMENT AUTHORING AND GENERATION**
[54] **CREATION ET GENERATION D'UN ENVIRONNEMENT TRIDIMENSIONNEL**
[72] SRINIVASAN, VIDYA, US
[72] PEREZ, CARLOS G., US
[72] MARSHALL, COLTON BRETT, US
[72] HANDA, ANIKET, US
[72] MARTINEZ MOLINA, HAROLD ANTHONY, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2019-09-17
[86] 2018-04-11 (PCT/US2018/026994)
[87] (WO2018/200199)
[30] US (62/489,904) 2017-04-25
[30] US (15/636,125) 2017-06-28

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/02 (2012.01) A01C 1/00 (2006.01)**
[25] EN
[54] **CROP MANAGEMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE GESTION DE FONDS**
[72] COOLIDGE, MICHAEL, CA
[72] SCHMALTZ, REMI, CA
[72] SCHMALTZ, TASHA, CA
[71] DECISIVE FARMING CORP., CA
[85] 2019-09-18
[86] 2018-04-10 (PCT/CA2018/050442)
[87] (WO2018/187870)
[30] US (62/483,864) 2017-04-10

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[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **CONTAINER-BASED VIRTUAL CAMERA ROTATION**
[54] **ROTATION DE CAMERA VIRTUELLE BASEE SUR UN CONTENANT**
[72] MARTINEZ MOLINA, HAROLD ANTHONY, US
[72] SRINIVASAN, VIDYA, US
[72] PEREZ, CARLOS G., US
[72] HANDA, ANIKET, US
[72] MARSHALL, COLTON BRETT, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[87] (WO2018/200200)
[30] US (62/489,904) 2017-04-25
[30] US (15/636,359) 2017-06-28

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[51] **Int.Cl. H04W 16/14 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] LIU, JINHUA, CN
[72] LI, SHAOHUA, CN
[72] ZHANG, ZHAN, CN
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[86] 2018-01-23 (PCT/CN2018/073854)
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[30] CN (PCT/CN2017/077497) 2017-03-21

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[51] **Int.Cl. G06T 17/00 (2006.01) G06N 3/04 (2006.01)**
[25] EN
[54] **OCTREE-BASED CONVOLUTIONAL NEURAL NETWORK**
[54] **RESEAU NEURONAL CONVOLUTIF BASE SUR UN OCTREE**
[72] WANG, PENGSHUAI, US
[72] LIU, YANG, US
[72] TONG, XIN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2019-09-17
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[30] CN (201710297300.4) 2017-04-28

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[51] **Int.Cl. B63B 45/08 (2006.01) H04R 1/34 (2006.01)**
[25] EN
[54] **CONTROL AND AUDIO SYSTEMS FOR A BOAT**
[54] **SYSTEMES AUDIO ET DE COMMANDE POUR UN BATEAU**
[72] SHEEDY, DARREN S., US
[72] EKERN, DAVID F., US
[71] MASTERCRAFT BOAT COMPANY, LLC, US
[85] 2019-09-17
[86] 2018-04-27 (PCT/US2018/029713)
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[30] US (62/492,926) 2017-05-01
[30] US (15/633,727) 2017-06-26

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[13] A1
[51] **Int.Cl. H04L 1/18 (2006.01)**
[25] EN
[54] **ELECTRONIC APPARATUS AND METHOD FOR WIRELESS COMMUNICATION NETWORK CONTROL END AND NETWORK NODE**
[54] **APPAREIL ELECTRONIQUE ET PROCEDE D'EXTREMITE DE COMMANDE DE RESEAU DE COMMUNICATION SANS FIL ET N□UD DE RESEAU**
[72] DANG, JIAN, CN
[72] CHU, WEIWEN, CN
[72] LV, PENSHUN, CN
[71] SONY CORPORATION, JP
[85] 2019-09-18
[86] 2018-03-05 (PCT/CN2018/077981)
[87] (WO2018/177077)
[30] CN (201710188913.4) 2017-03-27

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[51] **Int.Cl. F42B 1/02 (2006.01) E21B 43/117 (2006.01)**
[25] EN
[54] **SHAPED CHARGE WITH SELF-CONTAINED AND COMPRESSED EXPLOSIVE INITIATION PELLET**
[54] **CHARGE PROFILEE AVEC PASTILLE D'AMORCE EXPLOSIVE AUTONOME ET COMPRIMEE**
[72] LOEHKEN, JOERN OLAF, DE
[72] MCNELIS, LIAM, DE
[71] DYNAENERGETICS GMBH & CO. KG, DE
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[51] **Int.Cl. B02C 21/02 (2006.01) B02C 25/00 (2006.01) B07B 1/00 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **SELF-PROPELLED MATERIAL PROCESSOR AND/OR HANDLING SYSTEM**
[54] **INSTALLATION DE CONDITIONNEMENT DE MATERIAU ET/OU DE TRANSBORDEMENT AUTOPROPULSEE**
[72] PALBERG, MICHAEL, DE
[72] MERKLE, MARKUS, DE
[71] LIEBHERR-COMPONENTS BIBERACH GMBH, DE
[85] 2019-09-18
[86] 2018-03-19 (PCT/EP2018/056818)
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[30] DE (10 2017 002 790.0) 2017-03-22

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[13] A1
[51] **Int.Cl. C07C 303/44 (2006.01) C07C 309/15 (2006.01)**
[25] EN
[54] **HYDRATED CRYSTALLINE FORM OF 2-ACRYLAMIDO-2-METHYLPROPANE SULPHONIC ACID**
[54] **FORME CRISTALLINE HYDRATEE DE L'ACIDE 2-ACRYLAMIDO-2-METHYLPROPANE SULFONIQUE**
[72] FAVERO, CEDRICK, FR
[72] KIEFFER, JOHANN, FR
[71] S.P.C.M. SA, FR
[85] 2019-09-18
[86] 2018-03-19 (PCT/FR2018/050652)
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[30] FR (1752288) 2017-03-20

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[25] FR
[54] **PROJECTION SYSTEM FOR MEASURING VIBRATIONS**
[54] **SYSTEME DE PROJECTION POUR LA MESURE DE VIBRATIONS**
[72] POITTEVIN, JULIEN, FR
[72] PICART, PASCAL, FR
[72] HEGGARTY, KEVIN, FR
[72] LE MEUR, JULIEN, FR
[71] UNIVERSITE DU MANS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT MINES TELECOM (IMT) ATLANTIQUE BRETAGNE PAYS DE LA LOIRE, FR
[71] INSTITUT DE RECHERCHE TECHNOLOGIQUE JULES VERNE, FR
[85] 2019-09-18
[86] 2018-03-19 (PCT/FR2018/050658)
[87] (WO2018/172681)
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[25] EN
[54] **2-METHYL-QUINAZOLINES**
[54] **2-METHYL-QUINAZOLINES**
[72] WORTMANN, LARS, DE
[72] SAUTIER, BRICE, FR
[72] EIS, KNUT, DE
[72] BRIEM, HANS, DE
[72] BOHNKE, NIELS, DE
[72] VON NUSSBAUM, FRANZ, DE
[72] HILLIG, ROMAN, DE
[72] BADER, BENJAMIN, DE
[72] SCHRODER, JENS, DE
[72] PETERSEN, KIRSTIN, DE
[72] LIENAU, PHILIP, DE
[72] WENGNER, ANTJE MARGRET, DE
[72] MOOSMAYER, DIETER, DE
[72] WANG, QIUWEN, CN
[72] SCHICK, HANS, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[30] CN (PCT/CN2017/077501) 2017-03-21

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-OX40 ANTIBODY AND USE THEREOF**
[54] **ANTICORPS ANTI-OX40 ET UTILISATION CORRESPONDANTE**
[72] TSUN, ANDY, CN
[72] BARUAH, HEMANTA, CN
[72] LIU, XIAOLIN, CN
[72] CHEN, CHENG, CN
[72] LIU, JUNJIAN, CN
[72] CHEN, BINGLIANG, CN
[72] HUANG, WEIFENG, CN
[71] INNOVENT BIOLOGICS (SUZHOU) CO., LTD., CN
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[86] 2018-03-23 (PCT/CN2018/080315)
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[30] CN (201710185400.8) 2017-03-25

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[51] **Int.Cl. B29C 45/06 (2006.01) B29C 45/04 (2006.01) B29C 45/56 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING COMPONENTS OR PROFILES**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE DE PIECES OU DE PROFILES**
[72] STEINER, GOTTFRIED, AT
[71] STEINER, GOTTFRIED, AT
[85] 2019-09-18
[86] 2018-03-13 (PCT/EP2018/056137)
[87] (WO2018/172128)
[30] AT (A 50215/2017) 2017-03-20

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[13] A1
[51] **Int.Cl. F03B 3/10 (2006.01) F03B 15/18 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO HYDRAULIC MACHINES DURING GRID DISCONNECTIONS**
[54] **AMELIORATIONS APPORTEES A DES MACHINES HYDRAULIQUES PENDANT DES DECONNEXIONS DE RESEAU ELECTRIQUE**
[72] ALLOIN, QUENTIN, FR
[72] FOGGIA, THEOPHANE, FR
[72] GUILLAUME, RENAUD, FR
[71] GE RENEWABLE TECHNOLOGIES, FR
[85] 2019-09-18
[86] 2018-03-19 (PCT/EP2018/056886)
[87] (WO2018/172283)
[30] EP (17290041.7) 2017-03-20

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[13] A1
[51] **Int.Cl. C07C 309/15 (2006.01)**
[25] EN
[54] **PROCESS FOR ENHANCED OIL RECOVERY USING A (CO)POLYMER OF A HYDRATED CRYSTALLINE FORM OF 2-ACRYLAMIDO-2-METHYLPROPANE SULFONIC ACID**
[54] **PROCEDE DE RECUPERATION ASSISTEE DU PETROLE UTILISANT UN (CO)POLYMERE D'UNE FORME CRISTALLINE HYDRATEE DE L'ACIDE 2-ACRYLAMIDO-2-METHYLPROPANE SULFONIQUE**
[72] FAVERO, CEDRICK, FR
[72] KIEFFER, JOHANN, FR
[72] DAGUERRE, FREDERIC, FR
[71] S.P.C.M. SA, FR
[85] 2019-09-18
[86] 2018-03-19 (PCT/FR2018/050659)
[87] (WO2018/172682)
[30] FR (1752288) 2017-03-20

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[51] **Int.Cl. H01H 71/52 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER HANDLE CONNECTION MODE**
[54] **MODE DE LIAISON DE MANETTE DE DISJONCTEUR**
[72] LI, QIANG, CN
[72] JIANG, WUSHAN, CN
[72] LIU, ZHICAO, CN
[72] YU, YIPENG, CN
[72] JU, JIHONG, CN
[71] SHANGHAI LIANGXIN ELECTRICAL CO., LTD, CN
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[51] **Int.Cl. B03D 1/008 (2006.01) B03D 1/01 (2006.01) B03D 1/02 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **PROCESS TO TREAT METAL OR MINERAL ORES AND COLLECTOR COMPOSITION THEREFOR**
[54] **PROCEDE DE TRAITEMENT DE MINERAIS METALLIQUES OU MINERAUX ET COMPOSITION DE COLLECTEUR ASSOCIEE**
[72] LEWIS, ANDREW CLIST, SE
[72] SIIRAK, JOHAN, SE
[72] CASSEL, ANDERS OIJAR, SE
[72] SMOLKO-SCHVARZMAYR, NATALIJA, SE
[72] SLIKTA, ALBERTO, US
[71] NOURYON CHEMICALS INTERNATIONAL B.V., NL
[85] 2019-09-18
[86] 2018-03-20 (PCT/EP2018/056932)
[87] (WO2018/172307)
[30] EP (17162623.7) 2017-03-23

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[13] A1
[51] **Int.Cl. C11D 1/00 (2006.01)**
[25] EN
[54] **APPLICATGION OF POLYSACCHARIDE MICROGELS AS EITHER THE BASE OR AN ADDITIVE IN DETERGENTS AND DETERGENT COMPOSITIONS WITH THE USE OF THESE MICROGELS (VERSIONS)**
[54] **UTILISATION DE MICROGELS DE POLYSACCHARIDES DANS DES COMPOSITIONS D'AGENTS DETERGENTS**
[72] SHULEPOV, IL'YA, RU
[72] MIRONOV, MAKSIM, RU
[72] ELAGIN, ANDREY, RU
[71] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOST'U "BIOMICROGELI", RU
[85] 2019-09-17
[86] 2017-08-23 (PCT/IB2017/055076)
[87] (WO2018/185539)
[30] RU (2017111137) 2017-04-03
[30] RU (2017116306) 2017-05-10

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[13] A1
[51] **Int.Cl. D21H 27/10 (2006.01) B32B 5/18 (2006.01) B32B 5/20 (2006.01) D21F 11/00 (2006.01) D21H 11/18 (2006.01) D21H 11/20 (2006.01) D21H 21/10 (2006.01) D21H 21/16 (2006.01) D21H 21/18 (2006.01) D21H 21/56 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING OF A FOAM-FORMED CELLULOSIC FIBRE-MATERIAL, A BULK SHEET AND A LAMINATED PACKAGING MATERIAL COMPRISING THE CELLULOSIC FIBRE-MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU FIBREUX CELLULOSIQUE MOUSSE, FEUILLE BRUTE ET MATERIAU D'EMBALLAGE STRATIFIE COMPRENANT LE MATERIAU FIBREUX CELLULOSIQUE**
[72] ALDEN, MATS, SE
[72] NEAGU, CRISTIAN, CH
[72] SAHARINEN, ERKKI, FI
[72] ASIKAINEN, JAAKKO, FI
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2019-09-18
[86] 2017-10-13 (PCT/EP2017/076145)
[87] (WO2018/171913)
[30] EP (17162845.6) 2017-03-24
[30] EP (17162841.5) 2017-03-24

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[13] A1
[51] **Int.Cl. C25D 3/06 (2006.01) C25D 5/18 (2006.01) C25D 5/48 (2006.01) C25D 9/04 (2006.01) C25D 9/06 (2006.01) C25D 11/38 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING THE CORROSION RESISTANCE OF A CHROME-PLATED SUBSTRATE**
[54] **PROCEDE D'ACCROISSEMENT DE LA RESISTANCE A LA CORROSION D'UN SUBSTRAT CHROME**
[72] DAL ZILIO, DIEGO, IT
[72] MARTIN, ANDREA, IT
[72] DALBIN, SANDRINE, IT
[71] COVENTYA S.P.A., IT
[85] 2019-09-18
[86] 2018-04-03 (PCT/EP2018/058429)
[87] (WO2018/178390)
[30] EP (17164327.3) 2017-03-31

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/02 (2018.01) H04W 12/04 (2009.01) H04W 12/06 (2009.01) H04W 12/08 (2009.01)**
[25] EN
[54] **AUTOMATED DELIVERY SECURITY SYSTEM**
[54] **SYSTEME AUTOMATISE DE SECURITE DE LIVRAISON**
[72] BIGERT, JOHNNY, SE
[72] PESIRIDIS, KONSTANTINOS IOANNIS SOTIROPOULOS, SE
[72] HULT, MAGNUS OLOF LORENTZ, SE
[72] BATTERS, RICHARD JOHN, SE
[72] KAFOUROS, STAVROS, SE
[72] BLACKWELL, TIMOTHY CHARLES, SE
[71] GLUE AB, SE
[85] 2019-09-18
[86] 2018-03-22 (PCT/EP2018/000107)
[87] (WO2018/171939)
[30] GB (1704629.3) 2017-03-23

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[13] A1
[51] **Int.Cl. C07K 14/00 (2006.01) C07K 14/31 (2006.01)**
[25] EN
[54] **IL-1R-I BINDING POLYPEPTIDE**
[54] **POLYPEPTIDE DE LIAISON A L'IL-1R-I**
[72] FELDWISCH, JOACHIM, SE
[72] LINDBORG, MALIN, SE
[72] NILSSON, JOAKIM, SE
[72] NORDLING, ERIK, SE
[72] SVENSSON, ROBERT, SE
[71] SWEDISH ORPHAN BIOVITRUM AB (PUBL), SE
[85] 2019-09-18
[86] 2018-04-03 (PCT/EP2018/058448)
[87] (WO2018/178392)
[30] EP (17164226.7) 2017-03-31

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[13] A1
[51] **Int.Cl. C09D 133/06 (2006.01) C09D 4/06 (2006.01) C09D 133/02 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS CONTAINING A HYDROXYPHENYL FUNCTIONAL POLYMER AND A LATEX POLYMER**
[54] **COMPOSITIONS DE REVETEMENT CONTENANT UN POLYMERE FONCTIONNEL HYDROXYPHENYLE ET UN POLYMERE DE LATEX**
[72] WOJTALEWICZ, JENNIFER, US
[72] POLYKARPOV, ALEXANDER, US
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2019-09-18
[86] 2018-04-03 (PCT/EP2018/058480)
[87] (WO2018/185094)
[30] US (62/483,007) 2017-04-07
[30] EP (17171373.8) 2017-05-16

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[13] A1
[51] **Int.Cl. G08G 1/01 (2006.01) B60W 40/064 (2012.01) B60R 16/023 (2006.01) G01V 8/20 (2006.01) G01V 8/22 (2006.01) G08G 1/04 (2006.01)**
[25] FR
[54] **DEVICE FOR DETECTING ROAD SURFACE WATER**
[54] **DISPOSITIF POUR LA DETECTION D'EAU SUR LA ROUTE**
[72] PROUX, FRANCK HUBERT ANDRE, FR
[71] SAS NEXIALISTE NORMAND, FR
[85] 2019-09-18
[86] 2018-04-10 (PCT/EP2018/025105)
[87] (WO2018/188811)
[30] RO (a 2017 00216) 2017-04-11

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[13] A1
[51] **Int.Cl. B65C 9/06 (2006.01) G01N 21/90 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR AUTOMATICALLY ORIENTING CONTAINERS ENTERING A LABELING MACHINE**
[54] **DISPOSITIF ET PROCEDE D'ORIENTATION AUTOMATIQUE DE CONTENANTS ENTRANT DANS UNE MACHINE D'ETIQUETAGE**
[72] SCHINELLI, NICOLA, IT
[71] P.E. LABELLERS S.P.A., IT
[85] 2019-09-18
[86] 2018-04-06 (PCT/EP2018/058835)
[87] (WO2018/189045)
[30] IT (102017000039651) 2017-04-11

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[13] A1
[51] **Int.Cl. A23G 1/42 (2006.01) A23G 1/48 (2006.01)**
[25] EN
[54] **EDIBLE CHOCOLATE PRODUCT**
[54] **PRODUIT CHOCOLATE COMESTIBLE**
[72] CAPPELLE, STEFAN, BE
[72] SIMONIS, JULIEN, BE
[71] PURATOS, BE
[85] 2019-09-18
[86] 2018-05-09 (PCT/EP2018/061964)
[87] (WO2018/206622)
[30] BE (BE2017/5349) 2017-05-11

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATION**
[54] **FORMULATION PHARMACEUTIQUE**
[72] BOYER, SCOTT, SE
[72] HUBINETTE, FREDRIK, SE
[72] INGEMARSSON, LEIF, SE
[72] SUCHDEV, SUSAN, SE
[71] KLARIA PHARMA HOLDING AB, SE
[85] 2019-09-18
[86] 2018-06-08 (PCT/EP2018/065223)
[87] (WO2018/224674)
[30] GB (1709141.4) 2017-06-08

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[13] A1
[51] **Int.Cl. G01V 3/12 (2006.01) B60S 1/54 (2006.01) G01S 7/02 (2006.01) G01S 13/00 (2006.01)**
[25] EN
[54] **RADAR SYSTEM HAVING A CLEARING DEVICE**
[54] **SYSTEME RADAR MUNI D'UN DISPOSITIF DE DEGAGEMENT**
[72] MEIER, LORENZ, CH
[72] JAGER, DOMINIK, CH
[72] BLATTMANN, BERNHARD, CH
[71] GEOPRAEVENT AG, CH
[85] 2019-09-18
[86] 2018-03-22 (PCT/EP2018/057324)
[87] (WO2018/177887)
[30] DE (10 2017 106 851.1) 2017-03-30

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[13] A1
[51] **Int.Cl. B23B 27/04 (2006.01) B23B 27/16 (2006.01)**
[25] EN
[54] **CUTTING INSERT HAVING TWO PERIPHERAL ABUTMENT RIDGES AND CUTTING TOOL**
[54] **INSERT DE COUPE AYANT DEUX ARETES DE BUTEE PERIPHERIQUES ET OUTIL DE COUPE**
[72] KERTSMAN, OLEG, IL
[71] ISCAR LTD., IL
[85] 2019-09-18
[86] 2018-03-08 (PCT/IL2018/050270)
[87] (WO2018/178968)
[30] US (15/472,653) 2017-03-29

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[13] A1
[51] **Int.Cl. H05K 1/02 (2006.01) G06F 7/58 (2006.01) H01L 23/00 (2006.01)**
[25] EN
[54] **ELECTRONIC ANTI-TAMPER DEVICE**
[54] **DISPOSITIF ELECTRONIQUE INVIOLABLE**
[72] MOBLEY, CHRISTOPHER, GB
[71] BLUESKYTEC LTD, GB
[85] 2019-09-18
[86] 2018-03-06 (PCT/GB2018/050569)
[87] (WO2018/172731)
[30] GB (1704392.8) 2017-03-20

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[13] A1
[51] **Int.Cl. G02B 6/35 (2006.01)**
[25] EN
[54] **OPTICAL FIBER INTERCONNECT MANAGEMENT**
[54] **GESTION D'INTERCONNEXION DE FIBRES OPTIQUES**
[72] AROL, JOSEPH, IL
[72] AVRAHAMI, ZOHAR, IL
[72] SOKOLOVSKY, SOLOMON, AU
[72] NONDJUY, SOPIT, TH
[72] JAIKAEW, PATCHARIN, TH
[71] XENOPTICS IP HOLDINGS PTY LTD., AU
[85] 2019-09-18
[86] 2018-03-21 (PCT/IL2018/050324)
[87] (WO2018/173055)
[30] US (62/474,110) 2017-03-21

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[13] A1
[51] **Int.Cl. B23C 5/22 (2006.01)**
[25] EN
[54] **RAMPING INSERT HAVING NON-POSITIVE CUTTING GEOMETRY AND RAMPING TOOL**
[54] **INSERT DE FRAISAGE A INCLINAISON AYANT UNE GEOMETRIE DE COUPE NON POSITIVE ET UN OUTIL DE FRAISAGE A INCLINAISON**
[72] HECHT, GIL, IL
[71] ISCAR LTD., IL
[85] 2019-09-18
[86] 2018-03-25 (PCT/IL2018/050341)
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[54] **A DEVICE FOR SEPARATING LIQUID FROM A GAS STREAM WITHIN A LIQUID INJECTED COMPRESSOR AND METHOD THEREOF**
[54] **DISPOSITIF POUR SEPARER DU LIQUIDE D'UN FLUX DE GAZ DANS UN COMPRESSEUR A INJECTION DE LIQUIDE ET PROCEDE ASSOCIE**
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[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[54] **REPRISE DE CONNEXION SECURISEE A UN RESEAU**
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[72] MILDH, GUNNAR, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[72] DELBEKE, PAUL, BE
[71] DELFORT COMM. V., BE
[71] PD CONSULT COMM. V., BE
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[54] **PROCEDES PERMETTANT D'AMELIORER DES CARACTERISTIQUES CHEZ DES PLANTES**
[72] SHALITIN, DROR, IL
[72] GRIMBERG, NOAM, IL
[72] COHEN, ARAVA SHATIL, IL
[71] PLANTARCBIO LTD., IL
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[54] **PROCEDE DE FABRICATION DE VESSIE**
[72] RECCHIA, JACOPO, IT
[71] AVIOREC S.R.L., IT
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[54] **HOT STAMPED BODY**
[54] **PIECE MOULEE ESTAMPEE A CHAUD**
[72] SENGOKU, AKIHIRO, JP
[72] TAKEBAYASHI, HIROSHI, JP
[72] AKIOKA, KOJI, JP
[72] MATSUMURA, KENICHIRO, JP
[71] NIPPON STEEL CORPORATION, JP
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[54] **SURFACE TREATED STEEL SHEET**
[54] **TOLE D'ACIER TRAITEE EN SURFACE**
[72] SENGOKU, AKIHIRO, JP
[72] TAKEBAYASHI, HIROSHI, JP
[71] NIPPON STEEL CORPORATION, JP
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[54] **USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] TAKEDA, KAZUKI, JP
[72] NAGATA, SATOSHI, JP
[72] MU, QIN, CN
[72] LIU, LIU, CN
[72] JIANG, HUILING, CN
[71] NTT DOCOMO, INC., JP
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[54] **INSERT DE COUPE EN FORME DE LAME ET OUTIL DE COUPE ASSOCIE**
[72] ATHAD, SHIMON, IL
[71] ISCAR LTD., IL
[85] 2019-09-18
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[54] **METHODES NOVATRICES POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] SHIMSHEK, DERYA, CH
[71] NOVARTIS AG, CH
[85] 2019-09-13
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[54] **NOVEL BIOMARKERS FOR CANCER IMMUNOTHERAPY**
[54] **NOUVEAU BIOMARQUEUR POUR IMMUNOTHERAPIE ANTICANCEREUSE**
[72] MATSUMOTO SEIJI, JP
[72] SUZUKI RYUJI, JP
[71] HYOGO COLLEGE OF MEDICINE, JP
[71] REPERTOIRE GENESIS INCORPORATION, JP
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[54] **TETRAHYDROFOLATES ISOMERIQUEMENT PURS MARQUES AU 18F**
[72] MOSER, RUDOLF, CH
[72] GROEHN, VIOLA, CH
[72] MUELLER, CRISTINA, CH
[72] SCHIBLI, ROGER, CH
[72] AMETAMEY, SIMON, CH
[72] BOSS, SILVAN, CH
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[54] **COMMUNICATION METHOD, SECONDARY NETWORK NODE AND TERMINAL**
[54] **PROCEDE DE COMMUNICATION, NOEUD DE RESEAU SECONDAIRE ET TERMINAL**
[72] LIU, JIANHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **METHOD AND DEVICE FOR DETERMINING DETECTION RANGE OF CONTROL CHANNEL IN MULTI-BEAM SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE PLAGE DE DETECTION D'UN CANAL DE COMMANDE DANS UN SYSTEME MULTIFAISCEAUX**
[72] TANG, HAI, CN
[72] XU, HUA, CA
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **MODULATEUR OPTIQUE IQ**
[72] OGISO, YOSHIHIRO, JP
[72] OZAKI, JOSUKE, JP
[72] UEDA, YUTA, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[54] **PRODUCTION METHOD FOR POLYMER**
[54] **PROCEDE DE PRODUCTION D'UN POLYMERE**
[72] SHIMANAKA, HIROYUKI, JP
[72] MURAKAMI, YOSHIKAZU, JP
[71] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[85] 2019-09-18
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[54] **ADHESIVE COMPOSITION AND METHOD FOR PREPARING SAME**
[54] **COMPOSITION ADHESIVE ET SON PROCEDE DE PREPARATION**
[72] HWANG, JI HO, KR
[72] MOON, JUN OK, KR
[72] YANG, YOUNG LYEOL, KR
[72] LEE, CHANG SUK, KR
[72] MOON, SANG GWON, KR
[72] CHOI, SU JIN, KR
[71] CJ CHEILJEDANG CORPORATION, KR
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[54] **RAILWAY WHEEL**
[54] **ROUE DE MATERIEL DE CHEMIN DE FER**
[72] MAEJIMA, TAKETO, JP
[72] KUBOTA, MANABU, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2019-09-18
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[54] **INVERTING MECHANISM FOR A MACHINE FOR SHAPING GLASS ITEMS**
[54] **MECANISME D'INVERSION POUR MACHINE A FORMER DES ARTICLES EN VERRE**
[72] TIJERINA RAMOS, VICTOR, MX
[71] VITRO, S.A.B. DE C.V., MX
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[51] **Int.Cl. C21D 9/34 (2006.01) C22C 38/00 (2006.01) C22C 38/24 (2006.01)**
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[54] **METHOD FOR PRODUCING RAILWAY WHEEL AND RAILWAY WHEEL**
[54] **PROCEDE DE FABRICATION D'UNE ROUE FERROVIAIRE ET ROUE FERROVIAIRE**
[72] MAEJIMA, TAKETO, JP
[72] KUBOTA, MANABU, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2019-09-18
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[54] **REGISTRE D'AIR AUTO-REGLE**
[72] LINDBORG, HERMAN, SE
[71] LINDINVENT AB, SE
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[54] **SCALE COMPOSITION DETERMINATION SYSTEM, SCALE COMPOSITION DETERMINATION METHOD, AND PROGRAM**
[54] **SYSTEME DE DETERMINATION DE COMPOSITION D'ECHELLE, PROCEDE DE DETERMINATION DE COMPOSITION D'ECHELLE ET PROGRAMME**
[72] SUGIURA, MASATO, JP
[72] TANEI, HIROSHI, JP
[72] YAMAZAKI, SHUICHI, JP
[72] KONDO, YASUMITSU, JP
[71] NIPPON STEEL CORPORATION, JP
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[54] **SCALE COMPOSITION DETERMINATION SYSTEM, SCALE COMPOSITION DETERMINATION METHOD, AND PROGRAM**
[54] **SYSTEME DE DETERMINATION DE COMPOSITION DE TARTRE, PROCEDE DE DETERMINATION DE COMPOSITION DE TARTRE, ET PROGRAMME**
[72] TANEI, HIROSHI, JP
[72] SUGIURA, MASATO, JP
[72] YAMAZAKI, SHUICHI, JP
[72] KONDO, YASUMITSU, JP
[71] NIPPON STEEL CORPORATION, JP
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[25] EN
[54] **COPPER ALLOY POWDER FOR LAMINATION SHAPING, LAMINATION SHAPED PRODUCT PRODUCTION METHOD, AND LAMINATION SHAPED PRODUCT**
[54] **POUDRE D'ALLIAGE DE CUIVRE DESTINEE AU FORMAGE PAR STRATIFICATION, PROCEDE DE PRODUCTION DE PRODUIT FORME PAR STRATIFICATION, ET PRODUIT FORME PAR STRATIFICATION**
[72] SATO,KENJI, JP
[72] SHIBUYA,YOSHITAKA, JP
[71] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2019-09-18
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[54] **COMPOSITION ADHESIVE ET PROCEDE POUR LA PREPARER**
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[72] MOON, JUN OK, KR
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[54] **APPAREIL DE TURBINE CENTRIPETE COMPRENANT DES BUSES A L'INTERIEUR D'UNE TURBINE SCELLEE**
[72] SONG, KIL BONG, KR
[71] SONG, KIL BONG, KR
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[54] **SYSTEMES ET PROCEDES POUR IDENTIFIER DES ANIMAUX INDIVIDUELS DANS UN GROUPE D'ANIMAUX**
[72] MCCARTHY, GRAHAM, SE
[72] KORDUNER, GABRIEL, SE
[71] BMP INNOVATION AB, SE
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[25] EN
[54] **A DEVICE AND METHOD FOR ANTICIPATING FAILURE IN A SOLENOID VALVE FOR A MANIFOLD ASSEMBLY**
[54] **DISPOSITIF ET PROCEDE D'ANTICIPATION DE DEFAILLANCE DANS UNE ELECTROVANNE POUR ENSEMBLE COLLECTEUR**
[72] WEICKEL, SCOTT ALLEN, US
[72] DE CAROLIS, ENRICO, US
[72] FERREIRA, THIAGO CAETANO, FR
[72] MOREAU, PASCAL, FR
[71] ASCO, L.P., US
[85] 2019-09-18
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[54] **ARCHITECTURE D'IUGW**
[72] CAO, YANG, US
[72] LUBENSKI, ZEEV, US
[72] AGARWAL, KAITKI, US
[72] RAO, PRASHANTH, US
[72] ATRI, RAHUL, US
[71] PARALLEL WIRELESS, INC., US
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[54] **CONSTRUCTION DE DISPOSITIFS DE RESONANCE MAGNETIQUE NUCLEAIRE (RMN) BASEE SUR DES CONTRAINTES DE COUT ET DE STRUCTURE**
[72] REIDERMAN, ARCADY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2019-09-18
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[51] **Int.Cl. C07C 309/15 (2006.01)**
[25] EN
[54] **FRACTURING FLUID COMPRISING A (CO)POLYMER OF A HYDRATED CRYSTALLINE FORM OF 2-ACRYLAMIDO-2-METHYLPROPANE SULPHONIC ACID AND HYDRAULIC FRACTURING METHOD**
[54] **FLUIDE DE FRACTURATION COMPRENANT UN (CO)POLYMERE D'UNE FORME CRISTALLINE HYDRATEE DE L'ACIDE 2-ACRYLAMIDO-2-METHYLPROPANE SULFONIQUE ET PROCEDE DE FRACTURATION HYDRAULIQUE**
[72] FAVERO, CEDRICK, FR
[72] KIEFFER, JOHANN, FR
[71] S.P.C.M. SA, FR
[85] 2019-09-18
[86] 2018-03-19 (PCT/FR2018/050661)
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[54] **DISTRIBUTION DE LEVURE EN BOULANGERIE OU D'UN AUTRE FLUIDE ALIMENTAIRE**
[72] PICAVET, FLORENT, FR
[71] LESAFFRE ET COMPAGNIE, FR
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[54] **AIRCRAFT PROPULSION UNIT, CONNECTED TO THE FUSELAGE OF SAID AIRCRAFT**
[54] **ENSEMBLE PROPULSIF POUR AERONEF, RELIE AU FUSELAGE DUDIT AERONEF**
[72] GUILLOIS, DENIS, FR
[71] SAFRAN NACELLES, FR
[85] 2019-09-18
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[54] **MULTI-ELECTRODE STRUCTURES FOR MOLECULAR SENSING DEVICES AND METHODS OF MAKING SAME**
[54] **STRUCTURES A ELECTRODES MULTIPLES POUR DISPOSITIFS MOLECULAIRES DE DETECTION ET LEURS PROCEDES DE FABRICATION**
[72] JIN, SUNGHO, US
[72] MERRIMAN, BARRY L., US
[72] GEISER, TIM, US
[72] CHOI, CHULMIN, US
[72] MOLA, PAUL W., US
[71] ROSWELL BIOTECHNOLOGIES, INC., US
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[54] **ION-EXCHANGE MEMBRANE HAVING AN IMPRINTED NON-WOVEN SUBSTRATE**
[54] **MEMBRANE ECHANGEUSE D'IONS PRESENTANT UN SUBSTRAT NON TISSE IMPRIME**
[72] ZHAO, YONGHONG, SG
[72] BARBER, JOHN H., CA
[71] BL TECHNOLOGIES, INC., US
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[54] **SYSTEM AND METHOD FOR BODY MASS INDEX RELATION TO PATIENT DIFFERING PSYCHOLOGICAL STRESS EFFECT ON BLOOD GLUCOSE DYNAMICS IN PATIENTS WITH INSULIN DEPENDENT DIABETES**
[54] **SYSTEME ET PROCEDE DE LIAISON DE L'INDICE DE MASSE CORPORELLE A UN EFFET DE STRESS PSYCHOLOGIQUE DIFFERENT D'UN PATIENT SUR LA DYNAMIQUE DE LA GLYCEMIE CHEZ DES PATIENTS ATTEINTSDE DIABETE INSULINO-DEPENDANT**
[72] PATEK, STEPHEN D., US
[72] OZASLAN, BASAK, US
[72] GONDER-FREDERICK, LINDA, US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, D/B/A UNIVERSITY OF VIRGINIA LICENSING AND VENTURES GROUP, US
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[54] **MODULATEURS DU RECEPTEUR CXCR4 DE CHIMIOKINE ET LEURS UTILISATIONS**
[72] LIOTTA, DENNIS C., US
[72] JECS, EDGARS, US
[72] WILSON, ROBERT JAMES, US
[72] NGUYEN, HUY HOANG, US
[72] KIM, MICHELLE BORA, US
[72] WILSON, LAWRENCE, US
[72] MILLER, ERIC JAMES, US
[72] TAHIROVIC, YESIM ALTAS, US
[72] TRUAX, VALARIE, US
[72] KAISER, THOMAS, GB
[71] EMORY UNIVERSITY, US
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[54] **NERVE STIMULATION SYSTEM**
[54] **SYSTEME DE STIMULATION DE NERF**
[72] PANDYA, ANDREW, US
[71] HALOSTIM, LLC, US
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[54] **DETERMINATION DE CONFORMITE DE PLACEMENT DE PRODUIT**
[72] MURTHY, GANAPA SASHIDHARA, US
[72] YOUSEF, DANIEL BRIAN, US
[71] KELLOGG COMPANY, US
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[54] **WATER TREATMENT SYSTEM AND METHOD OF USE THEREOF**
[54] **SYSTEME DE TRAITEMENT D'EAU ET SON PROCEDE D'UTILISATION**
[72] TALLY, WILLIAM N., US
[72] KOWALSKI, DERECK, US
[72] MCCANN, BRIAN, US
[71] RENEW HEALTH LIMITED, IE
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[54] **PRODUITS DE GEL A MACHER POUR PRINCIPES ACTIFS PHARMACEUTIQUES**
[72] SIRIHORACHAI, RACHAN, US
[72] BRADLEY, REGINALD D., US
[72] ROSAR, PAUL D., US
[72] EKPE, ANTHONY, US
[71] BAYER HEALTHCARE LLC, US
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[54] **APPAREIL D'IMAGERIE OCULAIRE UTILISANT DES ELEMENTS OPTIQUES DE DIFFRACTION**
[72] GAO, CHUNYU, US
[72] OH, CHULWOO, US
[72] KLUG, MICHAEL ANTHONY, US
[72] BLUZER, EVYATAR, US
[71] MAGIC LEAP, INC., US
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[54] **SENSING SYSTEM FOR PERICARDIAL ACCESS**
[54] **SYSTEME DE DETECTION POUR ACCES PERICARDIAQUE**
[72] GANAPATHY, ANAND, US
[72] BURKLAND, DAVID, US
[72] JOHN, MATHEWS, IN
[72] GREET, BRIAN, US
[72] RAZAVI, MEHDI, US
[71] GANAPATHY, ANAND, US
[71] BURKLAND, DAVID, US
[71] JOHN, MATHEWS, IN
[71] GREET, BRIAN, US
[71] RAZAVI, MEHDI, US
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[54] **TRANSACTION SYSTEM AND TRANSACTION METHOD**
[54] **SYSTEME DE TRANSACTION ET PROCEDE DE TRANSACTION**
[72] FURUSAWA, YOSUKE, JP
[71] FURUSAWA, YOSUKE, JP
[85] 2019-09-16
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[54] **MOLTEN METAL STIRRING DEVICE AND CONTINUOUS CASTING DEVICE SYSTEM PROVI DED WITH SAME**
[54] **DISPOSITIF D'AGITATION DE METAL FONDU ET SYSTEME DE DISPOSITIF DE COULEE CONTINUE EQUIPE DE CELUI-CI**
[72] TAKAHASHI, KENZO, JP
[72] WAYMENT, RICHARD ALLEN, US
[71] TAKAHASHI, KENZO, JP
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[54] **SUBSURFACE RECIPROCATING PUMP FOR GASSY AND SANDY FLUIDS**
[54] **POMPE ALTERNATIVE SOUTERRAINE POUR FLUIDES GAZEUX ET SABLEUX**
[72] BAILEY, JASON, US
[72] STACHOWIAK, JOHN, US
[72] HEBERT, DOUGLAS, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
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[54] **CO-CASTING PROCESS FOR SOLID OXIDE REACTOR FABRICATION**
[54] **PROCEDE DE CO-MOULAGE POUR LA FABRICATION D'UN REACTEUR A OXYDE SOLIDE**
[72] LIU, MINGFEI, US
[72] LIU, YING, US
[71] PHILLIPS 66 COMPANY, US
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[86] 2018-03-26 (PCT/US2018/024337)
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[25] EN
[54] **METHODS, DEVICES, AND SYSTEMS FOR ILLUMINATING SPATIAL LIGHT MODULATORS**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES D'ECLAIRAGE DE MODULATEURS SPATIAUX DE LUMIERE**
[72] CHENG, HUI-CHUAN, US
[72] LIN, WEI CHEN, TW
[72] CHUNG, HYUNSUN, US
[72] TRISNADI, JAHJA I., US
[72] CARLISLE, CLINTON, US
[72] CURTIS, KEVIN RICHARD, US
[72] OH, CHULWOO, US
[71] MAGIC LEAP, INC., US
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[54] **VALVE SYSTEM AND METHOD FOR CONTROLLING THE SAME**
[54] **SYSTEME DE SOUPAPE ET PROCEDE DE COMMANDE ASSOCIE**
[72] NIGLAS, PAUL C., US
[72] TOBER, MICHAEL D., US
[72] SALVATORA, RANDY J., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[51] **Int.Cl. G02B 6/34 (2006.01) G02B 6/10 (2006.01) G02B 6/24 (2006.01) G02B 6/26 (2006.01)**
[25] EN
[54] **DISPLAY SYSTEM WITH SPATIAL LIGHT MODULATOR ILLUMINATION FOR DIVIDED PUPILS**
[54] **SYSTEME D'AFFICHAGE A ECLAIRAGE MODULATEUR SPATIAL DE LUMIERE DESTINE A DES PUPILLES DIVISEES**
[72] CHENG, HUI-CHUAN, US
[72] OH, CHULWOO, US
[72] CARLISLE, CLINTON, US
[72] KLUG, MICHAEL ANTHONY, US
[72] MOLTENI, WILLIAM, US
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[51] **Int.Cl. C08F 136/06 (2006.01) C08C 19/04 (2006.01) C08C 19/06 (2006.01) C08C 19/22 (2006.01) C08C 19/38 (2006.01)**
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[54] **RECYCLABLE CROSS-LINKED DIENE ELASTOMERS COMPRISING FURANYL GROUPS AND PRECURSORS THEREOF**
[54] **ELASTOMERES DIENIQUES RETICULES RECYCLABLES COMPRENANT DES GROUPES FURANYLE ET LEURS PRECURSEURS**
[72] PERUCH, FREDERIC, FR
[72] BERTO, PIERRE, FR
[72] GRELIER, STEPHANE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **VLP-BASED MONOVALENT EBOLA VACCINES AND METHODS OF MAKING AND USING SAME**
[54] **VACCINS MONOVALENTS A BASE DE VLP CONTRE EBOLA ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] CHEN, XUEMIN, US
[72] SINGH, KARNAIL, US
[72] SPEARMAN, PAUL, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[71] CHEN, XUEMIN, US
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
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[54] **COMBINATION THERAPY FOR THE TREATMENT OF SOLID AND HEMATOLOGICAL CANCERS**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE CANCERS SOLIDES ET HEMATOLOGIQUES**
[72] MANNING, PAMELA T., US
[72] PURO, ROBYN, US
[72] ALMAGRO, JUAN C., US
[72] KARR, ROBERT W., US
[72] CAPOCCIA, BENJAMIN J., US
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[54] **ENSEMBLE D'OUTILS POUR LA FABRICATION DE RECIPIENTS**
[72] SINES, JAMES A., US
[71] CANFORMING SYSTEMS LLC, US
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[54] **REQUIN ARC-EN-CIEL TRANSGENIQUE**
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[72] CROCKETT, RICHARD, US
[72] NASEVICIUS, AIDAS, US
[71] GLOFISH, LLC, US
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[54] **COMPOSITIONS AND METHODS FOR TREATING PHENYLKETONURIA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA PHENYLCETONURIE**
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[72] PAUZA, CHARLES DAVID, US
[71] AMERICAN GENE TECHNOLOGIES INTERNATIONAL INC., US
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[54] **ADHESIFS AMELIORES POUR DENTIERS**
[72] DRAGANOIU, ELENA S., US
[72] MORONI, ANTONIO, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[54] **SYSTEMES ET PROCEDES DE STOCKAGE D'ENERGIE ELECTRIQUE**
[72] KLEIDON, WILLIAM, US
[71] OJAI ENERGETICS PBC, US
[85] 2019-09-18
[86] 2018-03-28 (PCT/US2018/024939)
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[30] US (62/478,553) 2017-03-29
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[25] EN
[54] **NOVEL INSECT INHIBITORY PROTEINS**
[54] **NOUVELLES PROTEINES INSECTICIDES**
[72] BOWEN, DAVID J., US
[72] CHAY, CATHERINE A., US
[72] CICHE, TODD A., US
[72] FLASINSKI, STANISLAW, US
[72] HOWE, ARLENE R., US
[72] SRIDHARAN, KRISHNAKUMAR, US
[71] MONSANTO TECHNOLOGY LLC, US
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[30] US (62/480,614) 2017-04-03

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[54] **ANTI-C5A ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-C5A ET UTILISATIONS DE CEUX-CI**
[72] SONG, WENCHAO, US
[72] MIWA, TAKASHI, US
[72] SATO, SAYAKA, US
[72] GULLIPALLI, DAMODAR, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[30] US (62/475,573) 2017-03-23

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[25] EN
[54] **POROUS REFRACTORY CAST MATERIAL, ITS USE AND PRODUCTION**
[54] **MATERIAU COULE REFRACTAIRE POREUX, SON UTILISATION ET SA PRODUCTION**
[72] DEBASTIANI, DUANE L., US
[72] ZHOU, XIANXIN, US
[71] VESUVIUS USA CORPORATION, US
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[54] **LASER SPECKLE REDUCTION AND PHOTO-THERMAL SPECKLE SPECTROSCOPY**
[54] **REDUCTION DE GRANULARITE LASER ET SPECTROSCOPIE PAR GRANULARITE PHOTOTHERMIQUE**
[72] FURSTENBERG, ROBERT, US
[72] KENDZIORA, CHRIS, US
[72] MCGILL, R., ANDREW, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
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[30] US (62/482,643) 2017-04-06

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[54] **NEEDLE MAGNETIZER**
[54] **MAGNETISEUR D'AIGUILLE**
[72] MA, YIPING, US
[72] ISAACSON, S. RAY, US
[72] BURKHOLZ, JONATHAN KARL, US
[72] JENSEN, BRIAN, US
[72] ROBINAUGH, DANIEL, US
[72] SANCHEZ, DEREK, US
[71] BECTON, DICKINSON AND COMPANY, US
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[30] US (62/481,964) 2017-04-05
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[25] EN
[54] **NOVEL PEPTOID POLYMERS AND METHODS OF USE**
[54] **NOUVEAUX POLYMERES PEPTOIDES ET PROCEDES D'UTILISATION**
[72] WEI, XIAOXI, US
[71] X-THERMA, INC., US
[85] 2019-09-18
[86] 2018-04-11 (PCT/US2018/027160)
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[25] EN
[54] **ENZYMATIC CIRCUITS FOR MOLECULAR SENSORS**
[54] **CIRCUITS ENZYMATIQUES POUR CAPTEURS MOLECULAIRES**
[72] MERRIMAN, BARRY L., US
[72] GOVINDARAJ, VENKATESH ALAGARSWAMY, US
[72] MOLA, PAUL, US
[72] GEISER, TIM, US
[71] ROSWELL BIOTECHNOLOGIES, INC., US
[85] 2019-09-18
[86] 2018-04-25 (PCT/US2018/029382)
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[30] US (62/489,881) 2017-04-25

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[54] **HYBRID ROLLER-MILL BIT AND HYBRID ROLLER-DRAG BIT**
[54] **TREPAN A ROULEAU HYBRIDE ET TREPAN HYBRIDE A TRAINEE DE ROULEAU**
[72] STROEVER, MATTHEW CHARLES, US
[72] HOWARD, JOHNATHAN WALTER, US
[72] GALLIFET, THOMAS, US
[72] NEAL, PATRICIA ANN, US
[72] MAURSTAD, CARY ANDREW, US
[71] VAREL INTERNATIONAL IND., L.L.C., US
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[30] US (15/617,005) 2017-06-08

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[54] **SPECKLE REDUCTION INSTRUMENT**
[54] **INSTRUMENT DE REDUCTION DU CHATOIEMENT**
[72] FURSTENBERG, ROBERT, US
[72] KENDZIORA, CHRIS, US
[72] MCGILL, R., ANDREW, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTING OR QUANTIFYING PARAINFLUENZA VIRUS**
[54] **COMPOSITIONS ET PROCEDES DE DETECTION OU QUANTIFICATION DU VIRUS PARAINFLUENZA**
[72] MAJLESSI, MEHRDAD R., US
[72] DOUGLASS, PAMELA, US
[72] KOLK, DANIEL P., US
[71] GEN-PROBE INCORPORATED, US
[85] 2019-09-18
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[30] US (62/476,435) 2017-03-24

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[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6813 (2018.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01) G01N 27/327 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **BINDING PROBE CIRCUITS FOR MOLECULAR SENSORS**
[54] **CIRCUITS DE SONDE DE LIAISON POUR CAPTEURS MOLECULAIRES**
[72] MERRIMAN, BARRY L., US
[72] GOVINDARAJ, VENKATESH ALAGARSWAMY, US
[72] MOLA, PAUL, US
[72] GEISER, TIM, US
[72] COSTA, GINA, US
[71] ROSWELL BIOTECHNOLOGIES, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING AND MIXING ULTRAFINE GAS BUBBLES INTO A HIGH GAS CONCENTRATION AQUEOUS SOLUTION**
[54] **APPAREIL ET PROCEDE POUR PRODUIRE ET MELANGER DES BULLES DE GAZ ULTRAFINES DANS UNE SOLUTION AQUEUSE A HAUTE TENEUR EN GAZ**
[72] BLEVINS, TIM, US
[71] GAIA USA, INC., US
[85] 2019-09-18
[86] 2018-04-11 (PCT/US2018/027187)
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[25] EN
[54] **BIOMARKERS FOR CANCER THERAPEUTICS**
[54] **BIOMARQUEURS POUR THERAPIES ANTICANCEREUSES**
[72] GANSERT, JENNIFER LORRAINE, US
[72] ANDERSON, ABRAHAM ANTONIO, US
[72] GORSKI, KEVIN, US
[71] MERCK SHARP & DOHME CORP., US
[71] AMGEN INC., US
[85] 2019-09-18
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[54] **AUTOMATED DRAFT SURVEY**
[54] **RELEVE DE TIRANT AUTOMATISE**
[72] EPSKAMP, TROY, AU
[72] LOOI, EN-SHAN, AU
[72] ZEELENBERG, JONATHON, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2019-09-19
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[30] AU (2017901297) 2017-04-07

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[54] **ARYL HYDROCARBON RECEPTOR ANTAGONISTS AND USES THEREOF**
[54] **ANTAGONISTES DE RECEPTEUR D'HYDROCARBURE ARYLE ET UTILISATIONS DE CEUX-CI**
[72] ROMERO, ARTHUR GLENN, US
[72] GONCALVES, KEVIN A., US
[71] MAGENTA THERAPEUTICS, INC., US
[85] 2019-09-18
[86] 2018-04-12 (PCT/US2018/027265)
[87] (WO2018/191476)
[30] US (62/484,692) 2017-04-12
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[25] EN
[54] **AUTONOMOUS MOWER CUTTING SYSTEMS**
[54] **SYSTEMES DE COUPE DE TONDEUSE AUTONOME**
[72] MAGGARD, JAY, US
[71] MTD PRODUCTS INC, US
[85] 2019-09-18
[86] 2018-04-06 (PCT/US2018/026462)
[87] (WO2018/187692)
[30] US (62/482,409) 2017-04-06

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[51] **Int.Cl. G06Q 20/40 (2012.01) G06F 21/10 (2013.01) G06F 21/64 (2013.01) H04L 9/14 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **DECENTRALIZED DIGITAL CONTENT DISTRIBUTION SYSTEM AND PROCESS USING BLOCK CHAINS**
[54] **PROCEDE ET SYSTEME DE DISTRIBUTION DECENTRALISE DE CONTENU NUMERIQUE UTILISANT DES CHAINES DE BLOCS**
[72] MOSTAVI, MILAD, RO
[72] LEBEAU, ZACHARY JAMES, US
[71] CODEX LLC, US
[71] MOSTAVI, MILAD, RO
[71] LEBEAU, ZACHARY JAMES, US
[85] 2019-09-18
[86] 2018-05-18 (PCT/US2018/033340)
[87] (WO2018/213672)
[30] US (62/508,008) 2017-05-18

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[51] **Int.Cl. G03B 7/00 (2014.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 90/20 (2016.01) G03B 9/04 (2006.01) G06T 11/60 (2006.01)**
[25] EN
[54] **A CAMERA SYSTEM FOR PROVIDING IMAGES WITH SIMULTANEOUS HIGH RESOLUTION AND LARGE DEPTH OF FIELD**
[54] **SYSTEME D'APPAREIL PHOTO PERMETTANT DE FOURNIR DES IMAGES AVEC UNE RESOLUTION ELEVEE ET UNE GRANDE PROFONDEUR DE CHAMP SIMULTANEES**
[72] FRANJIC, KRESIMIR, CA
[72] BAI, YANHUI, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] BULK, MICHAEL PETER, CA
[72] LEE, TAMMY KEE-WAI, CA
[72] HYNNA, KAI MICHAEL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2019-05-31
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[13] A1
[51] **Int.Cl. C12Q 1/6855 (2018.01) C12Q 1/6806 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **METHODS OF ATTACHING ADAPTERS TO SAMPLE NUCLEIC ACIDS**
[54] **PROCEDES DE FIXATION D'ADAPTATEURS A DES ACIDES NUCLEIQUES ECHANTILLONS**
[72] KENNEDY, ANDREW, US
[72] MORTIMER, STEFANIE ANN WARD, US
[71] GUARDANT HEALTH, INC., US
[85] 2019-09-18
[86] 2018-04-13 (PCT/US2018/027632)
[87] (WO2018/191702)
[30] US (62/485,769) 2017-04-14
[30] US (PCT/US2017/027809) 2017-04-14
[30] US (62/486,663) 2017-04-18
[30] US (62/517,145) 2017-06-08

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[13] A1
[51] **Int.Cl. A63G 31/12 (2006.01)**
[25] EN
[54] **SOFT ROBOT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE SE RAPPORTANT A UN ROBOT SOUPLE**
[72] VYAS, ANISHA, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2019-09-18
[86] 2018-03-23 (PCT/US2018/024105)
[87] (WO2018/183121)
[30] US (62/476,756) 2017-03-25

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[13] A1
[51] **Int.Cl. F42D 1/18 (2006.01) F42B 3/22 (2006.01) F42D 1/20 (2006.01) F42D 1/22 (2006.01) F42D 1/28 (2006.01)**
[25] EN
[54] **BLASTING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE DYNAMITAGE**
[72] PARK, ALLEN, AU
[71] PWS SYSTEMS PTY LTD, AU
[85] 2019-09-19
[86] 2018-03-23 (PCT/AU2018/050272)
[87] (WO2018/170556)
[30] AU (2017901046) 2017-03-23

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[51] **Int.Cl. C07K 19/00 (2006.01) A61P 31/14 (2006.01) C07K 14/08 (2006.01) C07K 14/11 (2006.01) C07K 14/115 (2006.01) C07K 14/15 (2006.01) C07K 14/165 (2006.01)**
[25] EN
[54] **CHIMERIC MOLECULES AND USES THEREOF**
[54] **MOLECULES CHIMERIQUES ET UTILISATIONS ASSOCIEES**
[72] CHAPPELL, KEITH JOSEPH, AU
[72] WATTERSON, DANIEL, AU
[72] YOUNG, PAUL ROBERT, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2019-09-19
[86] 2018-03-29 (PCT/AU2018/050299)
[87] (WO2018/176103)
[30] AU (2017901152) 2017-03-30

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[13] A1
[51] **Int.Cl. A61K 47/10 (2017.01)**
[25] EN
[54] **RAPID AND CONTROLLED DELIVERY OF COMPOSITIONS WITH RESTORED ENTOURAGE EFFECTS**
[54] **ADMINISTRATION RAPIDE ET CONTROLEE DE COMPOSITIONS AYANT DES EFFETS ENTOURAGE RESTAURES**
[72] LEONE-BAY, ANDREA, US
[72] WESNER, GREGORY, US
[71] RECEPTOR HOLDINGS, INC., US
[85] 2019-09-18
[86] 2018-03-23 (PCT/US2018/024188)
[87] (WO2018/175992)
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[13] A1
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 4/14 (2006.01) E21B 6/00 (2006.01) E21B 7/24 (2006.01) E21B 10/36 (2006.01) E21B 21/10 (2006.01) E21B 23/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING A LOW FREQUENCY PULSE IN A WELLBORE**
[54] **PROCEDE ET APPAREIL POUR GENERER UNE IMPULSION BASSE FREQUENCE DANS UN PUITS DE FORAGE**
[72] RITCHIE, SHELDON, US
[72] FEDDEMA, CHAD, US
[72] GRANT, MALCOLM, US
[71] TURBO DRILL INDUSTRIES, INC., US
[85] 2019-09-18
[86] 2018-04-06 (PCT/US2018/026585)
[87] (WO2018/187765)
[30] US (62/482,926) 2017-04-07

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **NUCLEOBASE EDITORS COMPRISING NUCLEIC ACID PROGRAMMABLE DNA BINDING PROTEINS**
[54] **EDITEURS DE NUCLEOBASE COMPRENANT DES PROTEINES DE LIAISON A L'ADN PROGRAMMABLE PAR ACIDES NUCLEIQUES**
[72] LIU, DAVID R., US
[72] KOMOR, ALEXIS CHRISTINE, US
[72] CHEN, LIWEI, US
[72] REES, HOLLY A., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2019-09-18
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[87] (WO2018/176009)
[30] US (62/475,830) 2017-03-23
[30] US (62/490,587) 2017-04-26
[30] US (62/511,934) 2017-05-26
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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/22 (2012.01)**
[25] EN
[54] **COMPUTER SYSTEMS, COMPUTER-IMPLEMENTED METHODS AND SOFTWARE FOR PROCESSING PAYOUTS**
[54] **SYSTEMES INFORMATIQUES, PROCEDES MIS EN □UVRE PAR ORDINATEUR ET LOGICIEL POUR TRAITER DES PAIEMENTS**
[72] KARANTZIS, NICKOLAS JOHN, AU
[71] ISX IP LTD, VG
[85] 2019-09-19
[86] 2018-03-22 (PCT/AU2018/050261)
[87] (WO2018/170548)
[30] AU (2017901038) 2017-03-23

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[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE HAVING POSITONAL CONTROL FEATURES**
[54] **CARTOUCHE DE TONER AYANT DES CARACTERISTIQUES DE COMMANDE DE POSITION**
[72] HALE, JASON PAUL, US
[72] MARTIN, KYLE BRADLEY, US
[72] PAYNE, JEREMY KEITH, US
[72] ROGERS, MATTHEW LEE, US
[72] TRIPLETT, EDWARD LYNN, US
[71] LEXMARK INTERNATIONAL, INC.., US
[85] 2019-09-18
[86] 2018-04-11 (PCT/US2018/027053)
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[13] A1
[51] **Int.Cl. A61K 31/13 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **APPLICATIONS OF SPERMINE AND ITS DERIVATIVE IN PREPARATION OF ANTITUMOR DRUG**
[54] **APPLICATION DE LA SPERMINE ET DE SES DERIVES DANS LA PREPARATION D'UN MEDICAMENT ANTICANCEREUX**
[72] ZHU, WEI, CN
[72] PAN, WUGUANG, CN
[71] GENEHEAL BIOTECHNOLOGY CO., LTD., CN
[85] 2019-09-19
[86] 2018-02-06 (PCT/CN2018/075427)
[87] (WO2018/192293)
[30] CN (201710261440.6) 2017-04-20

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **CONFIGURATION METHOD AND APPARATUS, AND SYSTEM**
[54] **PROCEDE, APPAREIL, ET SYSTEME DE CONFIGURATION**
[72] PENG, WENJIE, CN
[72] DAI, MINGZENG, CN
[72] GUO, YI, CN
[72] LIU, JING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD, CN
[85] 2019-09-19
[86] 2018-03-20 (PCT/CN2018/079627)
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[30] CN (201710179753.7) 2017-03-23

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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) A61K 38/20 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **PM21 PARTICLES TO IMPROVE BONE MARROW HOMING OF NK CELLS**
[54] **PARTICULES PM21 POUR AMELIORER LE RETOUR DE CELLULES NK VERS LA LA MOELLE OSSEUSE**
[72] COPIK, ALICJA, US
[72] OYER, JEREMIAH, US
[72] CHAKRAVARTI, NITIN, US
[72] LEE, DEAN ANTHONY, US
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
[85] 2019-08-28
[86] 2018-02-28 (PCT/US2018/020187)
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[13] A1
[51] **Int.Cl. C07C 309/15 (2006.01)**
[25] EN
[54] **METHOD FOR THE TREATMENT OF A SUSPENSION OF SOLID PARTICLES IN WATER USING A (CO)POLYMER OF A HYDRATED CRYSTALLINE FORM OF 2-ACRYLAMIDO-2-METHYLPROPANE SULFONIC ACID**
[54] **PROCEDE POUR LE TRAITEMENT D'UNE SUSPENSION DE PARTICULES SOLIDES DANS L'EAU UTILISANT UN (CO)POLYMERE D'UNE FORME CRISTALLINE HYDRATEE DE L'ACIDE 2-ACRYLAMIDO-2-METHYLPROPANE SULFONIQUE**
[72] FAVERO, CEDRICK, FR
[72] KIEFFER, JOHANN, FR
[72] DAGUERRE, FREDERIC, FR
[71] S.P.C.M. SA, FR
[85] 2019-09-18
[86] 2018-03-19 (PCT/FR2018/050660)
[87] (WO2018/172683)
[30] FR (1752288) 2017-03-20

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[13] A1
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[25] EN
[54] **NOVEL SUPERCOOLING METHODS FOR PRESERVATION OF BIOLOGICAL SAMPLES**
[54] **NOUVEAUX PROCEDES DE SURREFRIGERATION POUR LA CONSERVATION D'ECHANTILLONS BIOLOGIQUES**
[72] WEI, XIAOXI, US
[71] X-THERMA, INC., US
[85] 2019-09-18
[86] 2018-04-11 (PCT/US2018/027095)
[87] (WO2018/191371)
[30] US (62/484,704) 2017-04-12

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[51] **Int.Cl. H04W 76/18 (2018.01)**
[25] EN
[54] **RLM AND BEAM FAILURE DETECTION BASED ON A MIX OF DIFFERENT REFERENCE SIGNALS**
[54] **RLM ET DETECTION DE DEFAILLANCE DE FAISCEAU BASEE SUR UN MELANGE DE DIFFERENTS SIGNAUX DE REFERENCE**
[72] DA SILVA, ICARO L. J., SE
[72] TIDESTAV, CLAES, SE
[72] FAN, RUI, CN
[72] UGURLU, UMUT, GB
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[30] CN (PCT/CN2017/078131) 2017-03-24

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[25] EN
[54] **A METHOD OF STATE SYNCHRONIZATION FOR COMPLEX SMART CONTRACTS BASED ON STAGE BUCKETS**
[54] **UNE METHODE DE SYNCHRONISATION D'ETAT DE CONTRATS INTELLIGENTS COMPLEXES FONDEE SUR DES CASES D'ETAPE**
[72] DENG, ENYAN, CN
[71] BEIJING TIANDE TECHNOLOGIES LIMITED, CN
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[41] 2019-08-14

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[54] **A METHOD OF BLOCK BUILDING VIA PIPELINE PARALLELIZATION**
[54] **UNE METHODE DE CONSTRUCTION DE BLOC PAR PARALLELISATION DE PIPELINE**
[72] DENG, ENYAN, CN
[71] BEIJING TIANDE TECHNOLOGIES LIMITED, CN
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[41] 2019-08-14

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[54] **POWDERED CANNABIS PRODUCTS, PRODUCTS CONTAINING POWERED CANNABIS AND PROCESSES OF MAKING SAME**
[54] **PRODUITS DE CANNABIS EN POUDRE, PRODUITS RENFERMANT DU CANNABIS EN POUDRE ET PROCEDES DE FABRICATION ASSOCIES**
[72] GALITSKY, IGOR, CA
[72] WELSH, DERRICK, CA
[71] XANTHIC BIOPHARMA INC., CA
[22] 2018-02-16
[41] 2019-08-16

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[51] **Int.Cl. G16Z 99/00 (2019.01) G06Q 10/06 (2012.01) G06Q 30/02 (2012.01) G16H 50/70 (2018.01)**
[25] FR
[54] **PLATFORM, SYSTEM AND AUTOMATIC OPINION AND/OR FEELING ANALYSIS METHODS FROM (STRUCTURED OR UNSTRUCTURED) DATA BY ARTIFICIAL INTELLIGENCE**
[54] **PLATEFORME, SYSTEME ET METHODE AUTOMATIQUES D'ANALYSE D'OPINIONS ET/OU DES SENTIMENTS PROVENANT DES DONNEES (STRUCTUREES OU NON-STRUCTUREES) PAR INTELLIGENCE ARTIFICIELLE**
[72] PEPGA BISSOU, JEAN, CA
[71] GROUPE MEDVALGO INC., CA
[22] 2018-02-20
[41] 2019-08-20

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[25] EN
[54] **A METHOD OF BLOCK BUILDING BASED ON BYZANTINE CONSENSUS VIA FOUR ROUNDS OF COMMUNICATION**
[54] **UNE METHODE DE CONSTRUCTION DE BLOCS FONDEE SUR UN CONSENSUS BYZANTIN AU MOYEN DE QUATRE TOURS DE COMMUNICATION**
[72] DENG, ENYAN, CN
[71] BEIJING TIANDE TECHNOLOGIES LIMITED, CN
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[54] **AUTOMATED COMMUNICATION DESIGN CONSTRUCTION SYSTEM**
[54] **SYSTEME DE CONSTRUCTION DE MODELE DE COMMUNICATION AUTOMATISE**
[72] REIHL, AARON P., US
[72] VANGAPALLY, SAIRAM, US
[72] RASSET, AARON GREGORY, US
[71] SHUTTERFLY, INC, US
[22] 2018-06-29
[41] 2019-09-05
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[25] EN
[54] **SYSTEMS AND METHODS FOR DELIVERING NEURAL THERAPY CORRELATED WITH PATIENT STATUS**
[54] **SYSTEMES ET METHODES DE FOURNITURE DE THERAPIE NEURONALE CORRELEE A L~ETAT DU PATIENT**
[72] CAPARSO, ANTHONY V., US
[72] PARKER, JON, US
[72] WALKER, ANDRE B., US
[72] CHITRE, YOUGANDH, US
[71] NEVRO CORPORATION, US
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[51] **Int.Cl. D21H 27/30 (2006.01) D21H 11/00 (2006.01) A47K 10/16 (2006.01) C08L 97/02 (2006.01)**
[25] EN
[54] **SOFT SANITARY TISSUE PRODUCTS COMPRISING NANOFILAMENTS**
[54] **PRODUITS DE PAPIER HYGIENIQUE DOUX RENFERMANT DES NANOFILAMENTS**
[72] ZIEGENBIEN, TOBIAS, CA
[71] MERCER INTERNATIONAL INC., CA
[22] 2017-06-30
[41] 2018-01-01
[62] 2,972,127
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[54] **SINGLE-STRANDED DNA MOLECULES ISOLATED FROM MULTIPLE SCLEROSIS BRAIN TISSUE**
[54] **MOLECULES D'ADN A SIMPLE BRIN ISOLEES DU TISSU CEREBRAL DE LA SCLEROSE EN PLAQUES**
[72] DE VILLIERS-ZUR HAUSEN, ETHEL-MICHELE, DE
[72] ZUR HAUSEN, HARALD, DE
[72] GUNST, KARIN, DE
[72] WHITLEY, CORINNA, DE
[72] PEREZ, IRANZU LAMBERTO, ES
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[54] **METHODS FOR MANILPULATING PHAGOCYTOSIS MEDIATED BY CD47**
[54] **PROCEDES POUR MANIPULER UNE PHAGOCYTOSE A MEDIATION PAR CD47**
[72] JAISWAL, SIDDHARTHA, US
[72] JAMIESON, CATRIONA HELEN M., US
[72] MAJETI, RAVINDRA, US
[72] WEISSMAN, IRVING L., US
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[25] EN
[54] **ADDITIVES TO LITHO INKS TO ELIMINATE INK FEEDBACK**
[54] **ADDITIFS A DES ENCRES LITHOGRAPHIQUES POUR ELIMINER UNE RETROACTION D'ENCRE**
[72] KRISHNAN, RAMASAMY, US
[72] JONES, JEFF, US
[72] HELLIBLAU, MATTHIAS, US
[71] SUN CHEMICAL CORPORATION, US
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[25] EN
[54] **HIGH DOSAGE MUCOADHESIVE METRONIDAZOLE AQUEOUS-BASED GEL FORMULATIONS AND THEIR USE TO TREAT BACTERIAL VAGINOSIS**
[54] **FORMULATIONS DE GEL A BASE DE METRONIDAZOLE AQUEUX MUCOADHESIF A DOSAGE ELEVE ET LEUR UTILISATION POUR TRAITER UNE VAGINOSE BACTERIENNE**
[72] BALAJI, KODUMUDI S., US
[72] NORDSIEK, MICHAEL T., US
[71] CHEMO RESEARCH SL, ES
[22] 2012-06-28
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[25] EN
[54] **SPORTING GOODS INCLUDING MICROLATTICE STRUCTURES**
[54] **ARTICLES DE SPORT COMPRENANT DES STRUCTURES EN MICRO-RESEAUX**
[72] DAVIS, STEPHEN J., US
[72] CHAUVIN, DEWEY, US
[71] BAUER HOCKEY LTD., CA
[22] 2015-05-12
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[54] **SPORTING GOODS INCLUDING MICROLATTICE STRUCTURES**
[54] **ARTICLES DE SPORT COMPRENANT DES STRUCTURES EN MICRO-RESEAUX**
[72] DAVIS, STEPHEN J., US
[72] CHAUVIN, DEWEY, US
[71] BAUER HOCKEY LTD., CA
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[54] **SPORTING GOODS INCLUDING MICROLATTICE STRUCTURES**
[54] **ARTICLES DE SPORT COMPRENANT DES STRUCTURES EN MICRO-RESEAUX**
[72] DAVIS, STEPHEN J., US
[72] CHAUVIN, DEWEY, US
[71] BAUER HOCKEY LTD., CA
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 5/06 (2006.01) A61B 8/00 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE WITH NEEDLE INSERTION GUIDANCE SYSTE**
[54] **APPAREIL CONVENANT A UNE UTILISATION AVEC UN SYSTEME DE GUIDAGE D'INSERTION D'AIGUILLE**
[72] COX, JEREMY B., US
[72] JHO, JIAYE Z., US
[72] GOLDEN, ROBERT N., US
[71] C.R. BARD, INC., US
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[54] **SPORTING GOODS INCLUDING MICROLATTICE STRUCTURES**
[54] **ARTICLES DE SPORT COMPRENANT DES STRUCTURES EN MICRO-RESEAUX**
[72] DAVIS, STEPHEN J., US
[72] CHAUVIN, DEWEY, US
[71] BAUER HOCKEY LTD., CA
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[25] EN
[54] **METHOD OF USING A STERILIZATION WRAP SYSTEM**
[54] **PROCEDE D'UTILISATION D'UN SYSTEME D'EMBALLAGE DE STERILISATION**
[72] FARMER, JEFFREY JAMES, US
[72] HOLT, KELLY L., US
[72] ANDERSON, RONALD K., US
[72] GAYNOR, MELISSA R., US
[72] SCHWARZ, CORINNA, US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
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[30] US (61/557,215) 2011-11-08
[30] US (61/592,233) 2012-01-30
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[51] **Int.Cl. B29B 17/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR RECYCLING CARPET AND PRODUCTS OF SUCH PROCESSES**
[54] **PROCEDES POUR RECYCLAGE D'UNE MOQUETTE ET PRODUITS DE TELS PROCEDES**
[72] BORK, JOSEPH E., US
[72] PASPEK, STEPHEN C., SR., US
[72] SCHROEDER, ALAN F., US
[72] HEISE, WILLIAM H., US
[71] SHAW INDUSTRIES GROUP, INC., US
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[54] **PULLDOWN KITCHEN FAUCET SPRING SPOUT**
[54] **BEC VERSEUR A RESSORT POUR ROBINET DE CUISINE A LEVIER ABAISSANT**
[72] FOURMAN, TERRENCE L., US
[72] MOORE, JEFFREY L., US
[72] DAVIDSON, KYLE R., US
[72] SCHNEIDER, RANDY L., US
[72] SAWASKI, JOEL D., US
[72] NELSON, ALFRED C., US
[71] DELTA FAUCET COMPANY, US
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[54] **OCCLUSION DEVICES AND METHODS OF THEIR MANUFACTURE AND USE**
[54] **DISPOSITIFS D'OCCLUSION ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] DUNCAN, JEFFREY B., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[51] **Int.Cl. C08L 23/14 (2006.01) C08J 3/20 (2006.01) C08L 23/26 (2006.01)**
[25] EN
[54] **POLYOLEFIN COMPOSITION WITH IMPROVED TOUGHNESS**
[54] **COMPOSITION DE POLYOLEFINE PRESENTANT UNE RESISTANCE AMELIOREE**
[72] GRESTENBERGER, GEORG, AT
[72] MILEVA, DANIELA, AT
[72] KAHLEN, SUSANNE, AT
[72] JERABEK, MICHAEL, AT
[71] BOREALIS AG, AT
[22] 2017-01-27
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[62] 3,011,281
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[51] **Int.Cl. C12N 9/22 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) A61P 31/00 (2006.01) A61P 31/12 (2006.01) C12N 15/09 (2006.01) C12N 15/55 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **RATIONALLY-DESIGNED MEGANUCLEASES WITH ALTERED SEQUENCE SPECIFICITY AND DNA-BINDING AFFINITY**
[54] **MEGANUCLEASES CONCUES RATIONNELLEMENT POSSEDANT UNE SPECIFICITE SEQUENCE MODIFIEE ET UNE AFFINITE DE LIAISON POUR L'ADN**
[72] HELLINGA, HOMME W., US
[72] SMITH, JAMES JEFFERSON, US
[72] JANTZ, DEREK, US
[71] DUKE UNIVERSITY, US
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[54] **FLOTATION OILS, PROCESSES AND USES THEREOF**
[54] **HUILES DE FLOTTAISON, PROCEDES ET UTILISATIONS ASSOCIEES**
[72] WHEELER, CHARLES, CA
[72] WHEELER, LUCIE B., CA
[71] ENVIROLLEA INC., CA
[22] 2019-02-04
[41] 2019-04-10
[62] 3,032,769

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[51] **Int.Cl. B03D 1/006 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **FLOTATION OILS, PROCESSES AND USES THEREOF**
[54] **HUILES DE FLOTTAISON, PROCEDES ET UTILISATIONS ASSOCIEES**
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[71] ENVIROLLEA INC., CA
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[54] **DRUG STORAGE AND DISPENSING SYSTEM FOR PRE-FILLED CONTAINERS**
[54] **SYSTEME DE STOCKAGE ET DE DISTRIBUTION DE MEDICAMENT POUR RECIPIENTS PREREMPLIS**
[72] BLACK, AMANDA, US
[72] WRIGHT, JUSTIN, US
[72] MONOCHOIX, HERVE, FR
[72] MARECHAL, DAMIEN, FR
[72] SCHNEIDER, ERIC, US
[72] LARROW, CHET, US
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[54] **PULVERISATEUR MODULAIRE**
[72] LUTOSLAWSKI, JAROSLAW, CA
[71] TORXX KINETIC PULVERIZER LIMITED, BM
[22] 2017-04-10
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[13] A1
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[25] EN
[54] **SYNTHESIS OF LONG-CHAIN POLYUNSATURATED FATTY ACIDS BY RECOMBINANT CELLS**
[54] **SYNTHESE D'ACIDES GRAS POLYINSATURES A CHAINE LONGUE PAR DES CELLULES DE RECOMBINAISON**
[72] SINGH, SURINDER PAL, AU
[72] ROBERT, STANLEY SURESH, AU
[72] NICHOLS, PETER DAVID, AU
[72] BLACKBURN, SUSAN IRENE ELLIS, AU
[72] ZHOU, XUE-RONG, AU
[72] PETRIE, JAMES ROBERTSON, AU
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[54] **METHODS AND USES THEREOF OF PROSAPOSIN**
[54] **PROCEDES ET UTILISATIONS DE PROSAPOSINE**
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[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[25] EN
[54] **SHOWER ENCLOSURE AND METHODS OF INSTALLATION**
[54] **ENCEINTE DE DOUCHE ET PROCEDES D'INSTALLATION**
[72] SMITH, ALBERT BARRY, US
[72] SAKS, CONRAD, US
[72] DANNETTEL, MARK E., US
[71] BRUSKIN INTERNATIONAL, LLC DBA BELSTONE MARBLE & GRANITE, US
[22] 2016-01-15
[41] 2016-07-21
[62] 2,977,704
[30] US (62/104,679) 2015-01-16
[30] US (62/264,849) 2015-12-08

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[25] EN
[54] **BAMBAM: PARALLEL COMPARATIVE ANALYSIS OF HIGH-THROUGHPUT SEQUENCING DATA**
[54] **BAMBAM : ANALYSE COMPARATIVE PARALLELE DE DONNEES DE SEQUENCAGE A HAUT RENDEMENT**
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[72] SANBORN, JOHN ZACHARY, US
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