

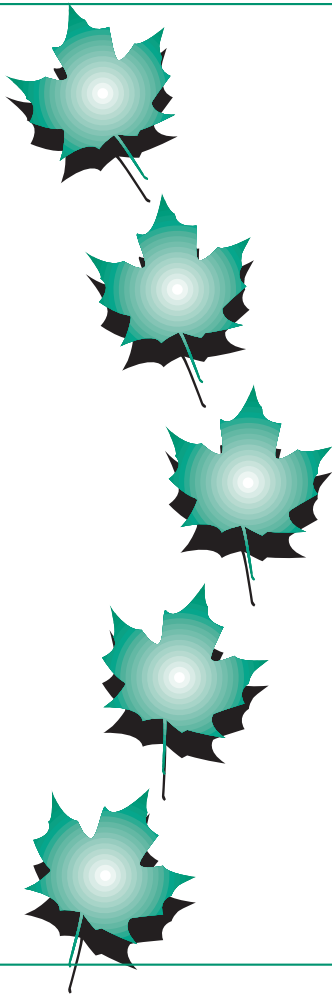


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Vol. 127, N° 28 le 13 juillet 1999

Canada

CIPO  OPIC

THE PATENT OFFICE RECORD



LA GAZETTE DU BUREAU DES BREVETS

A. McDonough
Acting Commissioner of Patents

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

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A. McDonough
Commissaire intérimaire aux brevets

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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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 Publication
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application

- [25] - Language
- [30] - Convention Priority Data
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date

- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - International Filing Date
- [87] - WIPO Publication Number

Avis

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

Dates

Toutes dates figurant à l'en-tête 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 à l'en-tête des brevets sont des codes INID. Le sigle "INID" signifie "Identification Numérique Internationalement agréée en matière de Données bibliographiques". Ces codes sont utilisés pour l'identification 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] - Genre de publication
- [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
- [30] - Informations relatives à la priorité conventionnelle
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question

- [45] - Date de délivrance
- [48] - Date de redélivrance
- [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] - Noms(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] - Date du dépôt internationale
- [87] - Numéro de publication de l'OMPI

2. Country Code

A complete list of country codes has been published in the issue of April 20, 1999 and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 20 avril 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

5. Comment acheter des copies sur papier ou en microforme de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: tic@micromedia.on.ca

B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

6. Commandes de brevets par classe ou sous-classe

Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

Les personnes intéressées à prendre avantage de ce service sont invitées à ouvrir un compte de dépôt avec Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Avis

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, may be ordered at a price of 50¢ per page from the Patent Office.

7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, 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 on request.

8. 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-Hull, 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.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the 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 under in part 10 of these notices.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: tic@micromedia.on.ca

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

7. 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-Hull, 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.

8. 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-Hull, 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.

9. 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. 10 des présents avis.

Notices

10. List of Patents Available for Licence or Sale

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

2,029,099	2,061,012
2,093,830	2,120,559
2,144,321	2,159,270
2,174,784	2,192,409
2,081,924 (issued on July 6, 1999)	

Note: Patent 2,110,472 was not available for sale or licensing on June 15, 1999 as published in the Canadian Patent Office Record of that date. It will be available on August 10, 1999, when it will be issued.

11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,127,800 which issued on July 13, 1982 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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.

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

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

2,029,099	2,061,012
2,093,830	2,120,559
2,144,321	2,159,270
2,174,784	2,192,409
2,081,924 (émi le 6 juillet 1999)	

Note: Le brevet 2,110,472 n'était pas disponible pour vente ou octroi de licence le 15 juin 1999 tel que publié dans la Gazette du bureau des brevets de cette date. Il sera disponible le 10 août, lorsqu'il sera émi.

11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 13 juillet 1982 sont maintenant expirés, jusque et y compris le no. 1,127,800. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées 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.

13. 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).

14. PCT Notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, Vol. I; No. 93 and 230).

Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of \$140.00 US or 200 Swiss Francs and \$15.00 US or 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization 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 at publications.mail@wipo.int or visit their website at <http://www.wipo.int>.

New Member State

On August 7, 1999, **Dominica** (country code: **DM**) will become the 102st contracting State of the PCT at both the Chapter I and II levels.

13. Langue du document publié

Toute personne intéressée d'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.

14. Avis PCT

Exigences des signatures du PCT

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, Vol. I, no. 93 et 230).

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 140 \$ EU ou 200 francs suisses et 15 \$ EU ou 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 - Organisation mondiale de la propriété intellectuelle 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 à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

Nouveau État Membre

Le 7 août 1999, **Dominique** (code de pays: **DM**) deviendra le 102ième pays membre des États contractants de PCT au niveau des Chapitres I et II.

Notices

15. Patent Cooperation Treaty (PCT)

15. Traité de coopération en matière de brevets (PCT)

SCHEDULE OF FEES APPLICABLE AS OF JULY 15, 1999

BARÈME DE TAXES À PARTIR DU 15 JUILLET 1999

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. Designation Fee: (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	

4. International Search Fee	1,874.00
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 Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of 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 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.

5. Late Payment Fee	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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Preliminary Examination

6. Handling Fee: (Rule 57.2(a))	289.46 Deutsche Marks 148 Euro Dollars
7. Preliminary Examination Fee: (Rule 58)	2,998.29 Deutsche Marks 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	

4. Taxe de recherche internationale	1 874,00
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 du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.	

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. Taxe pour paiement tardif	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
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Examen préliminaire

6. Taxe de traitement: (Règle 57.2(a))	289,46 marks allemands 148,00 dollars euro
7. Taxe d'examen préliminaire: (Règle 58)	2 998,29 marks allemands 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Avis

16. Patent Cooperation Treaty (PCT)

16. Traité de coopération en matière de brevets (PCT)

SCHEDULE OF FEES APPLICABLE AS OF JULY 1, 1999

BARÈME DE TAXES À PARTIR DU 1 JUILLET 1999

FEES	AMOUNTS
	\$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee:	721.00
Amount for each additional sheet over 30	17.00
3. Designation Fee: (Rule 15.2(a))	166.00
The maximum that can be charged for the Designation Fee is \$1,660.00; therefore, if more than 10 countries are designated the fee remains \$1,660.00	
4. International Search Fee	1,874.00
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). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.	

TAXES	MONTANTS
	\$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base:	721,00
Montant pour chaque feuille au delà de 30	17,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	166,00
Le maximum payable pour la taxe de désignation est de 1 660,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 660,00 \$.	
4. Taxe de recherche internationale	1 874,00
Les taxes susmentionnées sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Général du 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 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.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2. Si le montant total n'est pas payé, la demande internationale pourra être retirée par l'office récepteur.

5. Late Payment Fee	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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5. Taxe pour paiement tardif	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
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Preliminary Examination

Examen préliminaire

6. Handling Fee:	289.46 Deutsche Marks
(Rule 57.2(a))	148 Euro Dollars

6. Taxe de traitement:	289,46 marks allemands
(Règle 57.2(a))	148,00 dollars euro

7. Preliminary Examination Fee:	2,998.29 Deutsche Marks
(Rule 58)	1,533.00 Euro Dollars

7. Taxe d'examen préliminaire:	2 998,29 marks allemands
(Règle 58)	1533,00 dollars euro

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

* International fees will be reduced by \$220.00 for all applications filed using PCT-Easy.

*Les frais seront réduits par 220,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Notices

17. ERRATA

REGIONAL OFFICES Drop-off and publications

Please disregard the notice entitled "Regional Offices: Drop-off and publications" that was published on page 8 of the Canadian Patent Office Record of July 6, 1999 as it contained incorrect information. The correct information will be published as soon as it is available.

18. CIPO's Millennium Statement

There is no getting around what has become known as the Year 2000 technological problem. To ensure that service to our clients will not be affected as we enter the new millennium, CIPO has established an active and aggressive approach to resolve its Year 2000 issues, in collaboration with Industry Canada and other organizations, such as Public Works and Government Services Canada. For several years, CIPO set out to identify and test critical systems to ensure that there will be no disruption of service.

To get additional information about CIPO's Millennium Statement, visit our Web site at <http://cipo.gc.ca>.

19. Amendments to the Industrial Design Rules

Notice is hereby given that on June 23, 1999, the Special Committee of Council approved for pre-publication the amendments to the *Industrial Design Rules* (CRC, c. 964).

These amendments clarify conditions for electronically filing industrial design applications and communicating a number of other documents to the Industrial Design Office. They also specify when documents will be considered received by the Office.

The proposed amendments have been published in Part I of the *Canada Gazette* on July 3, 1999. In addition, an extract of the *Canada Gazette* containing the proposed amendments, as well as the Regulatory Impact Analysis Statement, can be accessed on the Canadian Intellectual Property Office Web site at:

<http://cipo.gc.ca>

The consultation period of 30 days starts with the date of pre-publication on July 3, 1999.

17. ERRATA

BUREAUX REGIONAUX Réception et documentations

Veillez s'il vous plaît ne pas tenir compte de l'avis "Bureaux Régionaux: Réception et documentations" publié à la page 8 de la Gazette du bureau des brevets du 6 juillet, 1999. Des informations contenues dans cet avis étaient dans l'erreur. L'information corrigée sera publiée dès qu'elle sera disponible.

18. L'OPIC concernant l'an 2000

Le bogue de l'an 2000 est un problème sur lequel on ne peut fermer les yeux. Pour s'assurer que le service à la clientèle ne sera pas affecté lorsque nous franchirons le cap du nouveau millénaire, l'OPIC a adopté une démarche dynamique en vue de relever les défis liés à l'an 2000, en collaboration avec Industrie Canada et autres organismes, tel Travaux publics et Services gouvernementaux Canada. Depuis plusieurs années, l'OPIC a commencé à identifier et à mettre à l'essai les systèmes essentiels pour faire en sorte qu'il n'y ait pas d'interruption de service.

Pour obtenir de plus amples renseignements à ce sujet, visitez notre site web à l'adresse suivante: <http://opic.gc.ca>.

19. Modifications aux Règles sur les dessins industriels

Avis est, par la présente, donné qu'en date du 23 juin 1999, le Comité spécial du Conseil a approuvé, pour publication préalable, les modifications aux *Règles sur les dessins industriels* (CRC, c. 964).

Les modifications précisent la marche à suivre pour le dépôt électronique des demandes de dessins industriels et la communication de certains autres documents au Bureau des dessins industriels. Elles précisent également la date à laquelle la correspondance sera réputée avoir été reçue au Bureau.

La proposition de modifications a été publiée dans la Partie I de la *Gazette du Canada* le 3 juillet 1999. De plus, l'extrait de la *Gazette du Canada* comportant sur les modifications proposées, ainsi que le Résumé de l'étude d'impact de la réglementation, sont accessibles sur le site Web de l'Office de la propriété intellectuelle du Canada:

<http://opic.gc.ca>

La période de consultation de 30 jours débute à la date de la publication préalable, soit le 3 juillet 1999.

Avis

You may obtain a copy of the *Canada Gazette* (No. 27, Vol. 133) by contacting Canada Gazette, Canadian Government Publishing Centre, Government Services Canada, Ottawa, Ontario, K1A 0S9, (613) 956-4802.

Vous pouvez vous procurer un exemplaire de la *Gazette du Canada* (No. 27, Vol. 133) en vous adressant à : Gazette du Canada, Centre d'édition du gouvernement du Canada, Services gouvernementaux Canada, Ottawa (Ontario), K1A 0S9, (613) 956-4802.

20. Amendments to the Patent Rules and the Trade-marks Regulations

Notice is hereby given that, on June 23, 1999, the Governor in Council approved amendments to the *Patent Rules* and the *Trade-marks Regulations* pertaining to electronic commerce.

The amendments provide clarification on the manner in which documents are submitted to and when they are considered received by the Canadian Intellectual Property Office. They enable electronic commerce by clarifying the rules concerning electronic transmission of documents, including by facsimile.

The above-mentioned amendments were published in Part II of the *Canada Gazette*, Volume 133, No. 14, SOR/99-291 and SOR/99-292 on July 7, 1999. You may obtain a copy of this publication by contacting the Canada Gazette, Canadian Government Publishing Centre, Government Services Canada, Ottawa, Ontario, K1A 0S9 (613) 956-4802.

Amendments can be also be accessed on the Canadian Intellectual Property Office Web site at:

<http://cipo.gc.ca>

21. Errata

Reference to the grant of the following application referred to in the Canadian Patent Office Record of June 15, 1999 was in error. No patent was issued under this number. This patent will be issued on August 10, 1999.

2,110,472

20. Modifications aux Règles sur les brevets et au Règlement sur les marques de commerce

Avis est, par la présente, donné qu'en date du 23 juin 1999, le gouverneur en conseil a approuvé des modifications aux *Règles sur les brevets* et au *Règlement sur les marques de commerce* relativement au commerce électronique.

Ces modifications apportent des précisions sur la façon dont les documents sont soumis et la date à laquelle ils sont considérés reçus à l'Office de la propriété intellectuelle du Canada. Elles visent à faciliter le commerce électronique en clarifiant les règles concernant la transmission électronique de documents, y compris par télécopieur.

Les modifications susmentionnées ont été publiées dans la Partie II de la *Gazette du Canada*, Volume 133, no. 14, DORS/99-291 et DORS/99-292, le 7 juillet 1999. Vous pouvez obtenir un exemplaire de cette publication en vous adressant à la Gazette du Canada, Centre d'édition du gouvernement du Canada, Services gouvernementaux Canada, Ottawa (Ontario), K1A 0S9 (613) 956-4802.

Les modifications sont également accessibles sur le site Web de l'Office de la propriété intellectuelle du Canada:

<http://opic.gc.ca>

21. Errata

Les renseignements fournis sur le numéro de la demande suivante dans la Gazette du bureau des brevets du 15 juin 1999 était dans l'erreur. Aucun brevet n'a été émi sous ce numéro. Ce brevet sera émi le 10 août 1999.

2,110,472

Notices

22. Errata

Reference to the grant of the following application referred to in the Canadian Patent Office Record of May 18, 1999 was in error. No patent was issued under this number. This patent is issued on July 13, 1999.

2,153,884

23. Lay-Open Applications

The Patent Office Record of July 13, 1999 contains laid-open applications from May 30 to June 5, 1999.

22. Errata

Les renseignements fournis sur le numéro de la demande suivante dans la Gazette du bureau des brevets du 18 mai 1999 était dans l'erreur. Aucun brevet n'a été émi sous ce numéro. Ce brevet est émi le 13 juillet 1999.

2,153,884

23. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 30 mai au 5 juin 1999.

Avis

Canadian Patents Issued

July 13, 1999

Brevets canadiens délivrés

13 juillet 1999

[11] **1,340,640**
[13] C
[52] 530-5.06 167-219 260-235.95 260-242.1
260-245.9 260-259
[51] **Int.Cl. 6C07K 4/00 6A61K 38/03**
6A61K 31/505 6C07D 475/00
[25] EN
[54] **REGULATION OF ENZYMES**
WHICH UTILIZE
TETRAHYDROBIOPTERIN OR
TETRAHYDROFOLATE COFACTORS
WITH 6,6-DISUBSTITUTED-
TETRAHYDROPTERIDINES
[54] **REGULATION D'ENZYMES**
UTILISANT DES COFACTEURS A BASE
DE TETRAHYDROBIOPTERINES OU
DE TETRAHYDROFOLATES AVEC
DES DERIVES DE SUBSTITUTION EN
6,6 DE TETRAHYDROPTERIDINES
[72] Ayling, June, US
[72] Bailey, Steven, US
[73] SOUTH ALABAMA MEDICAL
SCIENCE FOUNDATION, US
[21] **451,614**
[22] 1984-04-10
[30] US (483,708) 1983-04-11

[11] **1,340,641**
[13] C
[52] 195-1.22 167-37 167-103.2 195-1.108
195-1.35 530-13.00
[51] **Int.Cl. 6C12N 15/28 6C07K 14/525**
6C07K 16/24 6C07K 1/22 6G01N 33/53
6A61K 38/19
[25] EN
[54] **RECOMBINANT LYMPHOTOXIN**
[54] LYMPHOTOXINE
RECOMBINANTE
[72] Aggarwal, Bharat Bhushan, US
[72] Bringman, Timothy Scott, US
[72] Gray, Patrick William, US
[72] Nedwin, Glenn Evan, US
[73] GENENTECH, INC, US
[21] **482,995**
[22] 1985-05-31
[30] US (06/616,503) 1984-05-31
[30] US (06/616,502) 1984-05-31
[30] US (732,312) 1985-05-09

[11] **1,340,642**
[13] C
[52] 400-5809 400-3018 400-4601
[51] **Int.Cl. 6C08L 71/12 6C08L 77/00**
6C08L 53/02
[25] EN
[54] **MODIFIED POLYPHENYLENE**
ETHER-POLYAMIDE COMPOSITIONS
AND PROCESS
[54] COMPOSITIONS MODIFIEES DE
POLY(OXYDE DE PHENYLENE) ET DE
POLYAMIDE ET METHODE
D'OBTENTION
[72] Gallucci, Robert Russell, US
[72] van der Meer, Roelof, NL
[72] Avakian, Roger W., US
[73] GENERAL ELECTRIC COMPANY,
US
[21] **493,909**
[22] 1985-10-25

[11] **1,340,643**
[13] C
[52] 195-1.235 195-1.33 195-33.3
[51] **Int.Cl. 6C12N 15/57 6C12N 9/54**
[25] EN
[54] **THERMALLY STABLE AND PH**
STABLE SUBTILISIN ANALOGS AND
METHOD FOR PRODUCTION
THEREOF
[54] **ANALOGUES DE SUBTILISINE,**
STABLES VIS-A-VIS DES VARIATIONS
THERMIQUES ET DE PH; METHODE
POUR LES PRODUIRE
[72] Stabinsky, Yitzhak, US
[72] Zukowski, Mark M., US
[73] Amgen Inc., US
[21] **527,350**
[22] 1987-01-14
[30] US (819,241) 1986-01-15

[11] **1,340,644**
[13] C
[52] 167-43 150-3 150-8.5 150-15 167-37
[51] **Int.Cl. 6C12Q 1/68 6C12Q 1/70**
6G01N 33/58 6G01N 33/533 6G01N 33/573
6A61N 5/06
[25] EN
[54] **MONOMERIC**
PHTHALOCYANINE REAGENTS
[54] REACTIFS A BASE DE
PHTHALOCYANINE MONOMERE
[72] Stanton, Thomas H., US
[72] Schindele, Deborah C., US
[72] Renzoni, George E., US
[72] Pepich, Barry V., US
[72] Andersen, Niels H., US
[72] Clagett, James A., US
[72] Opheim, Kent E., US
[73] British Technology Group USA Inc., US
[21] **554,301**
[22] 1987-12-15
[30] US (941,619) 1986-12-15
[30] US (946,475) 1986-12-24
[30] US (61,937) 1987-06-12
[30] US (87/03226) 1987-12-11

[11] **1,340,645**
[13] C
[52] 260-229.1 167-202 195-120
[51] **Int.Cl. 6C07H 19/073 6A61K 31/70**
6C12P 19/40
[25] EN
[54] **ACID STABLE**
DIDEOXYNUCLEOSIDES ACTIVE
AGAINST THE CYTOPATHIC
EFFECTS OF HUMAN
IMMUNODEFICIENCY VIRUS
[54] DIDESOXYNUCLEOSIDES
STABLES EN MILIEU ACIDE, ACTIFS
CONTRE LES EFFETS
CYTOPATHIQUES DU VIRUS DE
L'IMMUNODEFICIENCE HUMAINE
[72] Marquez, Victor E., US
[72] Tseng, Christopher Kuo-Hou, US
[72] Driscoll, John S., US
[73] United States of America, represented by
the Secretary, U.S. Department, US
[21] **563,370**
[22] 1988-04-06
[30] US (39,402) 1987-04-17

Canadian Patents Issued
July 13, 1999

[11] **1,340,646**
[13] C

[52] 530-7.02 167-103.05 530-7.08
[51] **Int.Cl. 6C07K 14/815 6C07K 7/02 6C07K 7/08 6A61K 38/58 6A61K 38/10**
[25] EN
[54] **CYCLIC ANTICOAGULANT PEPTIDES**
[54] **PEPTIDES CYCLIQUES ANTICOAGULANTS**
[72] Krstenansky, John L., US
[72] Mao, Simon J.T., US
[73] MERRELL DOW PHARMACEUTICALS (CANADA) INC., CA
[21] **566,916**
[22] 1988-05-16
[30] US (53,169) 1987-05-21

[11] **1,340,647**
[13] C

[52] 343-38 343-15
[51] **Int.Cl. 6G01S 13/32 6G01C 21/04 6G01C 5/00 6G01S 7/34**
[25] EN
[54] **CONTINUOUS WAVE RADAR SYSTEM**
[54] **ALTIMETRE RADAR A ONDE ENTRETENUE**
[72] Severwright, Robert Anthony, GB
[73] GEC-Marconi Limited, GB
[21] **567,870**
[22] 1988-05-27

[11] **1,340,648**
[13] C

[52] 260-266.3 260-280.2 260-291 260-291.1 260-297
[51] **Int.Cl. 6C07D 213/74 6C07D 401/04 6C07F 9/58**
[25] EN
[54] **PROCESS FOR PRODUCING 1-SUBSTITUTED ARYL-1, 4-DIHYDRO-4-OXONAPHTHYRIDINE DERIVATIVE, INTERMEDIATES THEREFOR AND PROCESSES FOR PRODUCING THE INTERMEDIATES**
[54] **METHODE DE PRODUCTION D'UN DERIVE DE SUBSTITUTION EN 1 D'ARYL-1, 4-DIHYDRO-4-OXONAPHTHYRIDINE; INTERMEDIAIRES A CETTE FIN ET METHODES POUR LA PRODUCTION DES INTERMEDIAIRES**
[72] Todo, Yozo, JP
[72] Yamafuji, Tetsuo, JP
[72] Nagumo, Katsuyuki, JP
[72] Kitayama, Isao, JP
[72] Nagaki, Hideyoshi, JP
[72] Miyajima, Mikako, JP
[72] Konishi, Yoshinori, JP
[72] Narita, Hirokazu, JP
[72] Takano, Shuntaro, JP
[72] Saikawa, Isamu, JP
[73] TOYAMA CHEMICAL CO., LTD., JP
[21] **568,266**
[22] 1988-05-31
[30] JP (9191/85) 1985-01-23
[30] JP (28397/85) 1985-02-18
[30] JP (43644/85) 1985-03-07
[30] JP (69061/85) 1985-04-03
[30] JP (97065/85) 1985-05-08
[30] JP (129323/85) 1985-06-14

[11] **1,340,649**
[13] C

[52] 530-13.00 167-103.44
[51] **Int.Cl. 6C07K 14/59 6A61K 38/24**
[25] EN
[54] **PURIFIED FOLLICLE STIMULATING HORMONE**
[54] **HORMONE PURIFIEE STIMULANT LES FOLLICULES**
[72] Arpaia, Giuseppe, IT
[72] Serani, Serenella, IT
[72] Sirna, Antonino, IT
[73] Istituto di Ricerca Cesare Serono S.p.A., IT
[21] **570,438**
[22] 1988-06-24
[30] IT (48110/A/87) 1987-06-26

[11] **1,340,650**
[13] C

[52] 195-1.22 167-103.9 195-1.35 530-13.00
[51] **Int.Cl. 6C12N 15/14 6C07K 14/765**
[25] EN
[54] **ARTIFICIAL GENE CODING FOR AUTHENTIC HUMAN SERUM ALBUMIN, USE THEREOF, AND METHOD OF PRODUCING THE SAME**
[54] **GENE ARTIFICIEL CODANT DE L'ALBUMINE SERIQUE HUMAINE AUTHENTIQUE; SON EMPLOI ET METHODE POUR LE PRODUIRE**
[72] Aberg, Bertil, SE
[72] Simoncsits, Andras, SE
[72] Kalman, Miklos, HU
[72] Cserpan, Imre, HU
[72] Bajszar, Gyorgy, HU
[73] SKANDIGEN AB, SE
[73] MTA SZEGEDI BIOLOGIAI KOZPONTJA, HU
[73] VEPEX CONTRACTOR LTD., HU
[21] **577,208**
[22] 1988-09-13
[30] SE (8703539-0) 1987-09-14

[11] **1,340,651**
[13] C

[52] 204-96.08
[51] **Int.Cl. 6C23C 14/35**
[25] EN
[54] **MAGNETRON SPUTTERING APPARATUS AND PROCESS**
[54] **APPAREIL ET METHODE DE PULVERISATION AU MAGNETRON**
[72] Scobey, Michael A., US
[72] Seddon, Richard Ian, US
[72] Seeser, James W., US
[72] Austin, R. Russel, US
[72] Lefebvre, Paul M., US
[72] Manley, Barry W., US
[73] OPTICAL COATING LABORATORY, INC., US
[21] **590,272**
[22] 1989-02-07
[30] US (154,177) 1988-02-08

**Brevets canadiens délivrés
13 juillet 1999**

[11] **1,340,652**
[13] C

[52] 154-40
[51] **Int.Cl. 6B32B 31/20 6B29C 65/40**
[25] EN
[54] **APPARATUS FOR LAMINATING AND SHAPING FOAM**
[54] **APPAREIL POUR LAMINER ET METTRE EN FORME UN MOUSSE**
[72] Elliot, George M., US
[72] Solomon, Archie, US
[72] Avery, Michael L., US
[73] ASTECHOLOGIES, INC., US
[21] **592,781**
[22] 1989-03-03
[62] 526512
[30] US (831,514) 1985-12-31

[11] **1,340,653**
[13] C

[52] 167-147
[51] **Int.Cl. 6A61K 31/59**
[25] EN
[54] **METHOD FOR IMPROVING REPRODUCTIVE FUNCTIONS IN MAMMALS**
[54] **METHODE POUR AMELIORER LES FONCTIONS REPRODUCTRICES CHEZ LES MAMMIFERES**
[72] Deluca, Hector F., US
[72] Kwiecinski, Gary G., US
[73] Wisconsin Alumni Research Foundation, US
[21] **603,773**
[22] 1989-06-23
[30] US (07/281,993) 1988-12-09

[11] **1,340,654**
[13] C

[52] 261-16
[51] **Int.Cl. 6B32B 17/10 6C03C 27/12 6C03C 3/87 6C03C 4/02**
[25] FR
[54] **VITRAGE A COUCHE ELECTROCONDUCTRICE OBTENUE PAR PYROLYSE DE COMPOSES EN POWDRE, UTILISABLE EN TANT QUE PARE-BRISE POUR VEHICULE**
[54] **GLAZING WITH A CONDUCTIVE LAYER PRODUCED BY PYROLYSIS OF POWDERY COMPOUNDS, USABLE AS MOTOR VEHICULE WINDSHIELD**
[72] Harmand, Helene, FR
[72] Sauvinet, Vincent, FR
[72] Trouve, Maurice, FR
[73] SAINT-GOBAIN VITRAGE, FR
[21] **606,816**
[22] 1989-07-27
[30] FR (88 10138) 1988-07-27

[11] **1,340,655**
[13] C

[52] 402-21
[51] **Int.Cl. 6C08G 77/26 6C08G 77/06**
[25] EN
[54] **BLOCK COPOLYMER, METHOD OF MAKING THE SAME, DIAMINE PRECURSORS OF THE SAME, METHOD OF MAKING SUCH DIAMINES AND END PRODUCTS COMPRISING THE BLOCK COPOLYMER**
[54] **COPOLYMER SEQUENCE; METHODE DE PREPARATION ET PRECURSEURS DIAMINES DE CE COPOLYMER; METHODE DE PREPARATION DE CES DIAMINES; PRODUITS TERMINAUX RENFERMANT LE COLOLYMERE SEQUENCE**
[72] Leir, Charles M., US
[72] Hoffman, Jerome J., US
[72] Tushaus, Leonard A., US
[72] Wiederholt, Gary T., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[21] **617,075**
[22] 1997-05-16
[62] 540190
[30] US (876,918) 1986-06-20

[11] **2,000,153**
[13] C

[51] **Int.Cl. 6A61K 38/37 6A61K 38/58**
[25] EN
[54] **ANTIDOTE**
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[72] Findlay, Valerie S., GB
[72] Kerry, Roger, GB
[72] Pay, Graham F., GB
[72] Wallis, Robert B., GB
[72] Butler, Keith D., GB
[73] NOVARTIS AG, CH
[22] 1989-10-04
[30] GB (8823480.2) 1988-10-06

[11] **2,001,066**
[13] C

[51] **Int.Cl. 6F16L 25/00 6F16L 19/00 6F16L 21/00 6F16L 23/00**
[25] EN
[54] **PIPE CONNECTIONS**
[54] **METHODE DE RACCORDEMENT DE TUYAUTERIE**
[72] Irwin, William James, GB
[73] Irwin, William James, GB
[22] 1989-10-19

[11] **2,001,249**
[13] C

[51] **Int.Cl. 6B01J 21/00 6B01J 23/16 6C08F 4/642**
[25] EN
[54] **METHOD FOR UTILIZING TRIETHYLALUMINUM TO PREPARE AN ALUMOXANE SUPPORT FOR AN ACTIVE METALLOCENE CATALYST**
[54] **METHODE D'UTILISATION DE TRIETHYLALUMINIUM POUR LA PREPARATION D'UN SUPPORT D'ALUMOXANE DESTINE A UN CATALYSEUR METALLOCENE ACTIF**
[72] Chang, Main, US
[73] EXXON CHEMICAL PATENTS INC., US
[22] 1989-10-23
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[73] Lam-Plan S.A., FR
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[73] Du Pont Canada Inc., CA
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[13] C

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6A61K 31/44
[25] EN
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WITH GASTRIC ACID INHIBITORY
EFFECT AND PROCESS FOR ITS
PREPARATION
[54] DERIVE DU BENZIMIDAZOLE,
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ORGANOPOLYSILOXANE
COMPOSITION EXHIBITING
IMPROVED ADHESION IN THE CURED
FORM
[54] COMPOSITION RETICULABLE A
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[73] GTE Products Corporation, US
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[54] **CROSSLINKABLE PRESSURE-SENSITIVE ADHESIVE CONSTRUCTION CONTAINING A DIORGANOPOLYSILOXANE AND AN ACYLOXYSILANE**
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[73] Dow Corning Corporation, US
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[72] Chalmers, William S.K., GB
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[73] Von Duprin, Inc, US
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[54] **MODULATEUR DE FREQUENCE**
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[73] Sanyo Electric Co., Ltd, JP
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[54] **INHIBITION DE LA CORROSION DE CIRANTS D'EAU AU MOYEN DE CERTAINS OXYDES AMINO-PHOPHONOMETHYLIQUES**
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[72] Gaudette, Roger R., US
[72] Scanlon, Patricia M., US
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[11] **2,025,452**
[13] C

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[73] Eaton Corporation, US
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[73] Sanyo Electric Co., Ltd., JP
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[11] **2,028,480**
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[54] **PROCESS AND APPARATUS FOR THE MANUFACTURE OF AN AUTOMOTIVE TIRE BEAD**
[54] **METHODE ET APPAREIL SERVANT A LA FABRICATION D'UN TALON POUR PNEU DE VEHICULE AUTOMOBILE**
[72] Siegenthaler, Karl J., IT
[73] Bridgestone/Firestone, Inc., US
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[30] IT (68 169-A/89) 1989-12-22

[11] * **2,029,099**
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[25] EN
[54] **METHOD AND APPARATUS FOR COOLING, NEUTRALIZING, AND REMOVING SUSPENDED PARTICULATES FROM THE GASEOUS PRODUCTS OF COMBUSTION AND FOR IMPROVING THE EFFICIENCY OF ANY FURNACE TO WHICH SAID APPARATUS IS ATTACHED ("THE KAGI SCRUBBER")**
[54] **APPAREIL PERMETTANT DE REFROIDIR, DE NEUTRALISER ET D'EXTRAIRE DES PARTICULES EN SUSPENSION DANS DES GAZ DE COMBUSTION, ET D'OBTENIR UNE EFFICACITE ACCRUE DE TOUT FOUR AUQUEL**
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[54] **ELECTROSTATIC CONDUCTIVE COATING FACILITIES**
[72] Giroux, Patrice, FR
[72] Rey, Jean-Christophe, FR
[73] SAMES S.A., FR
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[54] **GRAFT COPOLYMERS AND LUBRICANTS CONTAINING SUCH AS DISPERSANT-VISCOSITY IMPROVERS**
[54] **COPOLYMERES GREFFES ET LUBRIFIANTS CONTENANT CEUX-CI, UTILISES COMME DISPERSANTS ET AGENTS AMELIORANT L'INDICE DE VISCOSITE**
[72] Luciani, Carmen V., US
[72] Lange, Richard M., US
[73] Lubrizol Corporation (The), US
[85] 1990-11-16
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[87] (WO90/12046)
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[11] **2,030,164**
[13] C

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6B32B 31/20 6B32B 5/24 6B29C 44/32**
[25] EN
[54] **A PROCESS FOR THE
PRODUCTION OF OPEN-CELL, COLD-
FORMABLE RIGID POLYURETHANE
FOAMS AND THEIR USE FOR THE
PRODUCTION OF MOLDED ARTICLES**
[54] **PROCEDE POUR LA
PRODUCTION DE MOUSSES DE
POLYURETHANE RIGIDES, A
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PRODUCTIBLES A FROID; LEUR
EMPLOI POUR LA PRODUCTION
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[72] Weber, Christian, DE
[73] BAYER AKTIENGESELLSCHAFT,
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[13] C

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[73] Wellcome Foundation Limited (The),
GB
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[30] US (455,201) 1989-12-22

[11] **2,034,195**
[13] C

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HYDRAULIQUE**
[72] Hageman, Martin P., US
[73] KELLEY COMPANY INC., US
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[13] C

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CENTRIFUGE**
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[73] F C B, FR
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[13] C

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[54] **SYSTEME COMMANDANT
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DONNEES VECTORIELLES**
[72] Omata, Makoto, JP
[73] NEC Corporation, JP
[22] 1991-03-06
[30] JP (57081/'90) 1990-03-08

[11] **2,038,958**
[13] C

[51] **Int.Cl. 6B21D 13/10**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE
FORMAGE D'UNE PARTIE EN RELIEF
SUR UN FLAN DE TOLE ET PRODUIT
OBTENU SELON CE PROCEDE**
[54] **BLANK FORMING METHOD AND
APPARATUS AND PRODUCT
OBTAINED THEREBY**
[72] Heurteboust, Gérard, FR
[72] Seconde, Jean-François, FR
[73] Sollac, FR
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[30] FR (90 04 264) 1990-04-03

[11] **2,039,447**
[13] C

[51] **Int.Cl. 6A01G 23/00 6A01G 7/06**
[25] EN
[54] **INJECTION DEVICE FOR
INJECTING ARTICLES INTO TREES
AND A METHOD OF TREATING SAME**
[54] **DISPOSITIF D'INJECTION POUR
LE TRAITEMENT ET LA
PRESERVATION DES ARBRES, ET
MODE DE TRAITEMENT CONNEXE**
[72] Duff, Michael, CA
[73] Monsanto Canada Inc., CA
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[11] **2,040,341**
[13] C

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[25] EN
[54] **CONNECTING PIECE FOR
SCAFFOLDING**
[54] **PIECE DE RACCORDEMENT
POUR ECHAFAUDAGE**
[72] Brasil, John, CA
[73] Etobicoke Ironworks Limited, CA
[22] 1991-04-12

[11] **2,041,552**
[13] C

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6B21D 28/12**
[25] EN
[54] **A TURRET PUNCH PRESS WITH A
DIE EXCHANGING DEVICE**
[54] **UNE PRESSE A TOURELLE AVEC
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[72] Fujiwara, Takayuki, JP
[73] Amada Company, Limited, JP
[22] 1991-04-30
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[30] JP (2-183986) 1990-07-13
[30] JP (2-205233) 1990-08-03
[30] JP (2-209118) 1990-08-09

[11] **2,042,496**
[13] C

[51] **Int.Cl. 6G08B 13/00 6G09F 3/12**
[25] EN
[54] **PIN-CLUTCH MECHANISM FOR
THEFT-DETERRENT DEVICE**
[54] **MECANISME D'EMBAYAGE A
GOUPILLE, POUR DISPOSITIF
ANTIVOL**
[72] Charlot, Lincoln H., Jr., US
[73] Security Tag Systems, Inc., US
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[30] US (07/529,940) 1990-05-29

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[11] 2,044,154
[13] C

[51] Int.Cl. 6G01N 33/543 6C07K 16/18
6G01N 33/574

[25] EN

[54] METHOD OF ASSAYING D-VANILLYLMADELIC ACID, AND REAGENT AND KIT THEREFOR

[54] METHODE DE DOSAGE DE L'ACIDE D-VANILLYMANDELIQUE, REACTIF ET TROUSSE

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[72] Sugi, Masahito, JP

[73] Yamasa Shoyu Kabushiki Kaisha, JP

[85] 1991-06-14

[86] 1990-10-18 (PCT/JP90/01344)

[87] (WO91/06005)

[30] JP (272538/1989) 1989-10-19

[11] 2,050,507
[13] C

[51] Int.Cl. 6H04L 5/14 6H04L 29/02

[25] EN

[54] MESSAGE-ORIENTED BANK

CONTROLLER INTERFACE

[54] INTERFACE DE CONTROLEUR BANCAIRE ORIENTEE MESSAGES

[72] Abrams, Lane Jordon, US

[72] Gruntals, Inars, US

[72] Khoe, Hoo-Yin, US

[72] Loughran, Kevin, US

[73] American Telephone and Telegraph Company, US

[22] 1991-09-03

[30] US (603,492) 1990-10-26

[11] 2,054,258
[13] C

[51] Int.Cl. 6C23C 16/32 6C04B 41/85

[25] EN

[54] PROCESS FOR THE MANUFACTURE OF A REFRACTORY COMPOSITE MATERIAL PROTECTED AGAINST CORROSION

[54] PROCEDE DE FABRICATION

D'UN MATERIAU COMPOSITE

REFRACTAIRE PROTEGE CONTRE

LA CORROSION

[72] Goujard, Stéphane R., FR

[72] Vandembulcke, Lionel, FR

[72] Rey, Jacques, FR

[72] Charvet, Jean-Luc, FR

[72] Tawil, Henri, FR

[73] Société Européenne de Propulsion, FR

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[30] FR (90 13323) 1990-10-26

[11] 2,045,512
[13] C

[51] Int.Cl. 6G11B 20/12

[25] EN

[54] DATA RECORDING METHOD AND DATA REPRODUCING APPARATUS

[54] METHODE D'ENREGISTREMENT

DE DONNEES ET APPAREIL DE

LECTURE DE DONNEES

[72] Sako, Yoichiro, JP

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[54] **SLIDING CHANNEL FOR CAR SEAT WITH FIXED RETURN POSITION**
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[13] C

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[54] RESINE PHOTOSENSIBLE POUR
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[13] C

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[25] EN
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[54] PROCEDE POUR PRECHAUFFER
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[54] BENNE DE CAMION AVEC
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[54] METHODE SERVANT A EPURER
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[73] THE SY-KLONE COMPANY, INC.,
US
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[11] 2,090,257
[13] C

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[25] EN
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SHORT SHEET LENGTH DETECTING
MEANS
[54] MACHINE A AFFRANCHIR
COMPORTANT UN MOYEN DE
DETECTION D'ENVELOPPES
COURTES
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[72] Gallagher, Dennis M., US
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[11] 2,090,386
[13] C

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3/00
[25] EN
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[54] ELEMENT DE CADRE DE
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[54] APPAREIL POUR REDUIRE DES
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[86] 1991-08-20 (PCT/US91/05937)
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[11] 2,092,166
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[25] EN
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[13] C

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6G01N 30/06 6G01N 30/72**
[25] EN
[54] **PROCESS AND DEVICE FOR
CONTINUOUS EXTRACTION AND
ANALYSIS OF FLUID USING
MEMBRANE**
[54] **METHODE ET DISPOSITIF
SERVANT A L'EXTRACTION EN
CONTINU ET A L'ANALYSE DE
FLUIDE A L'AIDE D'UNE MEMBRANE**
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[54] **LAMPE A HAUTE PUISSANCE**
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[11] 2,094,260
[13] C

[51] **Int.Cl. 6G01M 1/30 6G01M 1/36**
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[11] 2,094,289
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SPRING MEMBERS IN A ROTOR FOR
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[54] **APPAREIL D'ENTRETIEN A
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[13] C

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[25] FR
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COMPRENANT DES PARTICULES
RETVUES DE NITRURE DE BORE,
UTILE DANS DES COMPOSITIONS
COSMETIQUES, ET PROCEDE POUR
SA PREPARATION**
[54] **PARTICULATE MATERIAL
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WITH BARON NITRIDE USED IN
COSMETIC COMPOUNDS AND
PREPARATION PROCESS THEREOF**
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[51] **Int.Cl. 6A61M 29/02 6A61F 2/02**
[25] EN
[54] **APPARATUS AND METHOD FOR
DEVELOPING AN ANATOMIC SPACE
FOR LAPAROSCOPIC HERNIA
REPAIR AND PATCH FOR USE
THEREWITH**
[54] **DISPOSITIF ET METHODE
SERVANT A CREER UNE CAVITE
ANATOMIQUE PERMETTANT DE
REPERER UNE HERNIE PAR
LAPAROSCOPIE, ET BANDE
ADHESIVE A UTILISER AVEC LE
DISPOSITIF**
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[30] US (893,988) 1992-06-02

[11] 2,098,330
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[54] **ELECTRICAL DEVICE COOLING
SYSTEM USING A HEAT SINK
ATTACHED TO A CIRCUIT BOARD
CONTAINING HEAT CONDUCTIVE
LAYERS AND CHANNELS**
[54] **SYSTEME DE REFROIDISSEMENT
DE DISPOSITIF ELECTRIQUE
UTILISANT UN CIRCUIT IMPRIME
DANS LEQUEL DES COUCHES DE
MATERIAU ET DES CANAUX
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UN DISSIPATEUR THERMIQUE**
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[25] EN
[54] **METHOD AND APPARATUS FOR
TRANSPARENTLY BRIDGING
TRAFFIC ACROSS WIDE AREA
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[54] **METHODE ET APPAREIL
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[25] EN
[54] **METHOD AND APPARATUS FOR
SURVEYING TERRAIN RESISTIVITY**
[54] **METHODE ET APPAREIL
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RESISTIVITE DES SOLS**
[72] McNeill, James Duncan, CA
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[85] 1993-07-09
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[13] C

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[25] FR
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OEUVRE DUDIT PROCEDE**
[54] **PROCESS FOR SURFACE
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[13] C

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[54] **APPAREIL SERVANT A SECHER
DE L'ENCRE SUR UNE FEUILLE**
[72] Brewster, William H., Jr., US
[72] Chan, Lun, US
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[22] 1993-08-30
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[11] **2,105,268**
[13] C

[51] **Int.Cl. 6H04L 7/00 6H04L 12/54
6H04L 12/56**
[25] EN
[54] **RESYNCHRONIZATION OF
ASYNCHRONOUS TRANSFER MODE
(ATM) SWITCH FABRIC**
[54] **RESYNCHRONISATION DU MODE
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UNE MEMOIRE ACTIVE**
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[72] Uematsu, Hitoshi, JP
[72] Pashan, Mark Allen, US
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[11] **2,105,545**
[13] C

[51] **Int.Cl. 6H04L 12/66 6H04Q 3/58**
[25] EN
[54] **INTERNETWORK
COMMUNICATION SYSTEM FOR
MANAGING SUBSCRIBER SWITCHES
BETWEEN NETWORKS**
[54] **SYSTEME DE COMMUNICATION
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RESEAU D'INSTALLATION
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[30] JP (237320/1992) 1992-09-04

[11] **2,106,253**
[13] C

[51] **Int.Cl. 6H04N 1/04 6G06K 9/60**
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[54] **FACSIMILE DEVICE**
[54] **TELECOPIEUR**
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[54] **MACHINE A AFFRANCHIR A
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[11] **2,107,258**
[13] C

[51] **Int.Cl. 6B41J 2/175**
[25] EN
[54] **INK SUPPLY MECHANISM, INK
JET CARTRIDGE PROVIDED WITH
SUCH A MECHANISM, AND INK JET
RECORDING APPARATUS PROVIDED
WITH SUCH A MECHANISM**
[54] **ENSEMBLE DE MECANISME
D'ALIMENTATION EN ENCRE, DE
CARTOUCHE D'ENCRE ET
D'APPAREIL D'ENREGISTREMENT
POUR IMPRIMANTE A JET D'ENCRE**
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[72] Masuda, Kazuaki, JP
[72] Ikeda, Masami, JP
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[13] C

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[25] EN
[54] **ADAPTIVE VIDEO ENCODER FOR TWO-LAYER ENCODING OF VIDEO SIGNALS ON ATM (ASYNCHRONOUS TRANSFER MODE) NETWORKS**
[54] **CODEUR ADAPTATIF POUR CODER DES SIGNAUX VIDEO SUR DEUX COUCHES DANS LES RESEAUX MTA (A MODE DE TRANSFERT ASYNCHRONE)**
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[11] **2,110,310**
[13] C

[51] **Int.Cl. 6H04L 12/26**
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[54] **CIRCUIT MONITEUR A BUS POUR SYSTEME DE COMMUTATION**
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[22] 1993-11-30
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[11] **2,110,353**
[13] C

[51] **Int.Cl. 6H04B 7/26 6G08B 25/00 6G08C 17/00**
[25] EN
[54] **WIRELESS SYSTEM FOR SENSING INFORMATION AT REMOTE LOCATIONS AND COMMUNICATING WITH A MAIN MONITORING CENTER**
[54] **SYSTEME SANS FIL DE TELESAISIE DE DONNEES ET DE TRANSMISSION DE CES DONNEES A UN CENTRE DE CONTROLE**
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[73] SAFE ENVIRONMENT ENGINEERING, US
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[11] **2,112,514**
[13] C

[51] **Int.Cl. 6H04B 7/26 6H04Q 7/22**
[25] FR
[54] **PROCEDE DE TRANSMISSION DE DONNEES ENTRE DES EQUIPEMENTS DE COMMUNICATION CONNECTES A UNE INFRASTRUCTURE DE COMMUNICATION**
[54] **PROCESS FOR TRANSMITTING DATA BETWEEN COMMUNICATION EQUIPMENTS CONNECTED TO A COMMUNICATION INFRASTRUCTURE**
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[11] **2,112,719**
[13] C

[51] **Int.Cl. 6G01N 25/56 6G12B 11/00 6D06F 58/20**
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[73] Maytag Corporation, US
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[13] C

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[54] **APPAREIL DE SAISIE D'IMAGES ET APPAREIL DE TRAITEMENT D'IMAGES**
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[13] C

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[13] C

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[25] EN
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[54] **RANDOM ACCESS SATELLITE**
COMMUNICATION SYSTEM USING
RANDOM NUMBERS GENERATED IN
A RANGE VARIABLE WITH CHANNEL
TRAFFIC
[54] **SYSTEME DE COMMUNICATION**
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UTILISANT DES NOMBRES
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GAMME VARIANT SELON LE TRAFIC
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[73] NEC Corporation, JP
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[25] EN
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USED IN AN IMAGE DATA
PROCESSING SYSTEM COMPRISING
INDEPENDENT INPUT AND OUTPUT
DEVICES
[54] **METHODE DE REPRODUCTION**
DES COULEURS UTILISEE DANS UN
SYSTEME DE TRAITEMENT DE
DONNEES D'IMAGERIE A
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[13] C
[51] Int.Cl. **6G02F 1/315 6G03G 15/04**
6B41J 2/465
[25] EN
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ASYMMETRICAL FABRY-PEROT
MODULATOR ARRAY FOR LINE
PRINTERS
[54] **RESEAU DE MODULATEURS DE**
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[13] C
[51] Int.Cl. **6G06F 12/14 6H04L 9/28**
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[54] **METHODE CRYPTOGRAPHIQUE**
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[51] Int.Cl. **6C07H 17/08**
[25] EN
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[86] 1993-04-21 (PCT/JP93/00517)
[87] (WO93/21200)
[30] JP (04-101492) 1992-04-22

[11] **2,118,662**
[13] C
[51] Int.Cl. **6G06F 12/08**
[25] EN
[54] **MEMORY CONTROLLER HAVING**
ALL DRAM ADDRESS AND CONTROL
SIGNALS PROVIDED
SYNCHRONOUSLY FROM A SINGLE
DEVICE
[54] **CONTROLEUR DE MEMOIRE**
UTILISANT DES SIGNAUX D'ADRESSE
EN DRAM ET DES SIGNAUX DE
COMMANDE FOURNIS DE FACON
SYNCHRONE PAR UNE MEME
SOURCE
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[25] EN
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FUNCTIONAL FLUIDS AND
FUNCTIONAL FLUID MODIFIERS
[54] **ESTERS DE POLYGLYCEROL**
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MODIFICATEURS DE CES FLUIDES
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[13] C

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[13] C

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[25] EN
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WITH REDUCED SIDELOBES AND
METHOD FOR MANUFACTURE
THEREOF
[54] **TRANSDUCTEURS A ULTRASON**
A LOBES LATERAUX REDUITS ET
METHODE DE FABRICATION DE CES
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[11] **2,120,184**
[13] C

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[25] EN
[54] **FREQUENCY SYNTHESIZER**
[54] **SYNTHETISEUR DE FREQUENCE**
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[73] NEC Corporation, JP
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[30] JP (72197/1993) 1993-03-30

[11] * **2,120,559**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
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PACKET COMMUNICATIONS
NETWORKS
[54] **GESTION DU TRAFIC DANS LES**
RESEAUX DE TRANSMISSION DE
PAQUETS
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MACHINES CORPORATION, US
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[13] C

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OXYGENATOR
[54] **OXYGENATEUR SANGUIN A**
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[11] **2,121,257**
[13] C

[51] **Int.Cl. 6A61K 39/395 6A61K 47/18**
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[54] **COUVERCLE AVEC FILETAGE A**
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[73] Pano Cap (Canada) Limited, CA
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[25] EN
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POLYMER-BASED MATRICES, THEIR
PREPARATION AND USE IN
BIOAFFINITY**
[54] **POLYMERE HYDROPHILE
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[13] C

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[25] EN
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AZACYCLOALKANE DERIVATIVES**
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[13] C

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[13] C

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FOR INSTALLING A MEDICINE
CAPSULE ON A SUPPORT
[54] METHODE ET DISPOSITIF
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MEDICAMENTEUSE SUR UN
SUPPORT
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[13] C

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[25] FR
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D'OXYDATION DES FIBRES
KERATINIQUES COMPRENANT UN
DERIVE DE
PARAPHENYLENEDIAMINE ET LE 2-
METHYL 5-AMINOPHENOL, ET
PROCEDE DE TEINTURE UTILISANT
UNE TELLE COMPOSITION
[54] DYEING COMPOSITION FOR THE
OXIDATION OF KERATINIC FIBERS,
COMPRISING A PARA-
PHENYLENEDIAMINE AND 2-
METHYL-5-AMINOPHENOL, AND
DYEING PROCESS USING THIS
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[13] C

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SYSTEM**
[54] **REGENERATEUR OPTIQUE ET
SYSTEME DE TRANSMISSION
OPTIQUE**
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[72] Funada, Takashi, JP
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[13] C

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[54] **COMPOSES
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[11] **2,142,593**
[13] C

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[25] EN
[54] **RAMP-UP LATERAL
ACCELERATOR IN A FLAT-ARTICLE
FEED AND SHINGLING DEVICE**
[54] **ACCELERATEUR LATERAL
CONIQUE DE DISPOSITIF
D'ALIMENTATION ET DE
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[73] BELL & HOWELL PHILLIPSBURG
COMPANY, US
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[13] C

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SELECTIVE METALLOCENES**
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POUR L'ETHYLENE, PRESENTANT
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[11] * **2,144,321**
[13] C

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CONTROL USING NATURAL
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[54] **ELIMINATION DES MAUVAISES
HERBES AU STADE DE LA PRELEVEE,
GRACE A DES HERBICIDES
NATURELS**
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[72] Garbutt, John T., US
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[13] C

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COMPOSITES A PROPRIETES
BARRIERE**
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WITH BARRIER CHARACTERISTICS**
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[13] C

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[25] EN
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COMPRISING LIME SOAP
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[54] **COMPOSITION DETERGENTE
RENFERMANT UN DISPERSANT A
BASE DE SAVON DE CHAUX ET DE LA
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[30] EP (93870170.3) 1993-08-13

[11] **2,145,363**
[13] C

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[11] **2,146,212**
[13] C

[51] **Int.Cl. 6A61K 31/27 6A61K 7/021
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[25] FR
[54] **COMPOSITION COSMETIQUE OU
PHARMACEUTIQUE CONTENANT UN
CARBAMATE D'ALKYLE EN TANT
QU'AGENT HYDRATANT**
[54] **COSMETIC OR
PHARMACEUTICAL COMPOSITION
CONTAINING AN ALKYL
CARBAMATE AS A HYDRATING
AGENT**
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REGULATOR FOR COMPRESSED
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[54] DETENDEUR DE GAZ NATUREL
COMPRIME
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[11] 2,147,318
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[51] Int.Cl. 6H01L 21/603 6A61K 38/05
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[54] PROCEDE SERVANT A
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[54] **PROCEDE POUR L'OBTENTION DE RESINES PHENOLIQUES TRES REACTIVES, MODIFIEES PAR L'UREE, UTILES COMME AGENTS LIANTS POUR LES PARTICULES DE LA COUCHE CENTRALE, DANS LA FABRICATION DE PANNEAUX DE PARTICULES**
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METHOD OF PRODUCING SAME
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[54] **METHOD FOR LOCALIZING EXECUTION OF SUBQUERIES AND DETERMINING COLLOCATION OF EXECUTION OF SUBQUERIES IN A PARALLEL DATABASE**
[54] **METHODE POUR LOCALISER L'EXECUTION DES SOUS-CONSULTATIONS ET POUR DETERMINER LES EMLACEMENTS D'EXECUTION COMMUNS DES SOUS-CONSULTATIONS DANS UNE BASE DE DONNEES PARALLELES**
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[54] **METHODE ET DISPOSITIF D'ENROULAGE D'UNE BOBINE TERMINEE**
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[54] **METHOD FOR RESISTANCE WELDING WITH DILUTION METAL AND PRODUCT THEREOF**
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[54] **COUVRE-JOINT ET PROCEDE DE MISE EN OEUVRE**
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[13] C

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[54] **A TEMPERATURE-RESPONSIVE, LOCKING MECHANISM FOR, AND IN COMBINATION WITH A FLUID VALVE**
[54] **MECANISME DE BLOCAGE THERMOSTATIQUE POUR SOUPAPE MONTEE SUR UN CIRCUIT FLUIDIQUE ET ACTIONNE PAR CELLE-CI**
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SUITABLE FOR DEEP DRAWING AND
PROCESS FOR PRODUCING THE
SAME
[54] FEUILLE EN ACIER HAUTE
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SYSTEM FOR SHARED USERS WITH
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WITH IMPROVED SHELF LIFE, WITH
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[72] Prevost, André, CA
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[13] C

[51] **Int.Cl. 6G07D 3/16**
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DEVICE FOR EXECUTING DATA
TRANSFER BY CONTROLLING A
CLUSTER AND ANOTHER CLUSTER
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PARTY IDENTITY DELIVERY WITH
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HAVING AN AUXILIARY POWER
SOURCE FOR COMPENSATING FOR
MAIN POWER DROP
[54] CIRCUIT D'ALIMENTATION
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ADJUSTABLE LEG LOOPS AND RISE
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JAMBES ET A LA CEINTURE,
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[25] EN
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[11] **2,174,877**
[13] C

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[73] PACCAR Inc, US
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[30] US (08/429,069) 1995-04-26

[11] **2,175,699**
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[25] EN
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[54] **APPAREIL DE MAINTIEN D'UNE QUEUE DE PORTE-OUTIL A CAME TOURNANTE LIMITANT LES REBONDS**
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[73] KENNAMETAL INC., US
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[30] US (08/224,428) 1994-04-08

[11] **2,176,037**
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[25] EN
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[72] Kobylecki, Ryszard Jurek, GB
[73] PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V./S.A., IE
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[54] **PROCESS FOR PRODUCING AGGLOMERATES FROM DUSTS**
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[72] Carruthers, Andrew Nicolson, CA
[72] Clegg, Robert Louis, CA
[72] The, Kwat Ie, AU
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[86] 1994-12-12 (PCT/CA94/00682)
[87] (WO95/18067)
[30] US (175,782) 1993-12-30

[11] **2,179,301**
[13] C

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[25] EN
[54] **DERIVATIVES OF TACHYPLESIN HAVING INHIBITORY ACTIVITY TOWARDS PLANT PATHOGENIC FUNGI**
[54] **DERIVES DE LA TACHYPLESINE PRESENTANT UNE ACTIVITE INHIBITRICE VIS A VIS DES CHAMPIGNONS PATHOGENES VEGETAUX**
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[87] (WO95/16776)
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[11] **2,179,319**
[13] C

[51] **Int.Cl. 6A47C 27/10 6A61G 5/10**
[25] EN
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[11] **2,179,709**
[13] C

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[72] Clarke, Joanna Margaret, GB
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[72] Vinson, Phillip Kyle, US
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[30] GB (9425942.1) 1994-12-22
[30] US (08/342,558) 1994-11-21

[11] **2,180,002**
[13] C

[51] **Int.Cl. 6G11B 20/10**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTIPLEXED ENCODING OF DIGITAL AUDIO INFORMATION ONTO A DIGITAL AUDIO STORAGE MEDIUM**
[54] **PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER LE CODAGE MULTIPLEXE D'INFORMATIONS AUDIO NUMERIQUES SUR UN SUPPORT D'INFORMATIONS AUDIO NUMERIQUES**
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[30] US (08/192,277) 1994-02-04

[11] **2,180,217**
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[54] **LOQUET SOUPLE**
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[73] Southco, Inc., US
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[11] **2,181,508**
[13] C

[51] **Int.Cl. 6C07C 57/07 6C07C 51/44**
[25] FR
[54] **PROCEDE DE PURIFICATION DE L'ACIDE ACRYLIQUE OBTENU PAR OXYDATION CATALYTIQUE DU PROPYLENE**
[54] **PROCESS FOR PURIFYING ACRYLIC ACID PREPARED BY PROPYLENE CATALYTIC OXIDATION**
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[72] Esch, Marc, FR
[72] Samuel, Yves, FR
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[73] **ELF ATOCHEM S.A., FR**
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[30] FR (95 08672) 1995-07-18

[11] **2,182,149**
[13] C

[51] **Int.Cl. 6F41B 11/00**
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[54] **PROTOTYPE D'ARME A FEU A PROJECTILE GUIDE**
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[73] **Western Arms, JP**
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[11] **2,183,277**
[13] C

[51] **Int.Cl. 6B60R 11/04 6B60R 1/00**
[25] EN
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[54] **CAMERA A VISION NOCTURNE PEU COUTEUSE POUR VEHICULES ET SUPPORT CONNEXE**
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[72] Walsh, Kevin, US
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[54] **ANTENNE SUR VERRE ET SON DISPOSITIF DE CONNEXION**
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[72] Dishart, Peter T., US
[73] PPG INDUSTRIES, INC., US
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[11] **2,184,730**
[13] C

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[54] **ENSEMBLE OUTIL DE COUPE ET OUTIL RAPPORTE**
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[72] Cerny, Max, DE
[73] KENNAMETAL INC., US
[85] 1996-09-03
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[11] **2,185,092**
[13] C

[51] **Int.Cl. 6F24J 3/00 6B60H 1/14**
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[54] **VISCOUS FLUID TYPE HEAT GENERATOR**
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[54] **SIEGE A COUSSIN GONFLABLE LATERAL**
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[72] Kato, Hisaaki, JP
[72] Ohno, Mituyoshi, JP
[72] Nakai, Shigeharu, JP
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[11] **2,187,443**
[13] C

[51] **Int.Cl. 6C07C 291/04 6C11D 1/75**
[25] EN
[54] **PROCESS FOR MAKING SOLID FORMULATIONS CONTAINING AMINE OXIDE SURFACTANTS**
[54] **PROCEDE DE FABRICATION DE FORMULES SOLIDES CONTENANT DES AGENTS TENSIO-ACTIFS A BASE D'OXYDE AMINE**
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[72] Young, Raymond Devon, US
[73] PROCTER & GAMBLE COMPANY (THE), US
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[87] (WO95/29157)
[30] US (08/231,415) 1994-04-22

[11] **2,189,444**
[13] C

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[54] **MELANGE GAZ NATUREL/ HYDROGENE UTILISE COMME CARBURANT DE MOTEUR**
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[72] Collier, Robert Kirk, Jr., US
[72] Mulligan, David Neal, US
[72] Hahn, Douglas Edward, US
[73] University of Central Florida, US
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[30] US (08/428,626) 1995-04-25

[11] **2,189,932**
[13] C

[51] **Int.Cl. 6B23K 9/00**
[25] EN
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[54] **ENCEINTE POUR SYSTEME D'ALIMENTATION DE POSTE DE SOUDAGE**
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[73] ILLINOIS TOOL WORKS INC., US
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[30] US (08/585,633) 1996-01-16

[11] **2,189,942**
[13] C

[51] **Int.Cl. 6F25B 31/00 6F16M 1/04**
[25] EN
[54] **APPARATUS FOR MOUNTING A COMPRESSOR**
[54] **APPAREIL SERVANT AU MONTAGE D'UN COMPRESSEUR**
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[72] Adomeit, Werner, US
[72] Zhao, Guoquan, US
[72] Buchholz, A. Bruce, US
[73] Carrier Corporation, US
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[30] US (08/578,351) 1995-12-26

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[13] C

[51] **Int.Cl. 6G06K 7/10 6G06K 9/20**
[25] EN
[54] **METHOD AND APPARATUS FOR ILLUMINATION AND IMAGING OF A SURFACE**
[54] **METHODE ET APPAREIL POUR ECLAIRER UNE SURFACE ET EN PRODUIRE UNE IMAGE**
[72] Zheng, Joe, US
[72] Sussmeier, John W., US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[62] 2156153
[30] US (08/020,295) 1993-02-19

[11] * **2,192,409**
[13] C

[51] **Int.Cl. 6E04B 5/02 6E04F 15/10**
[25] EN
[54] **ELONGATED MEMBER OF EXTRUDED PLASTIC SUITABLE FOR FLOORING, DECKING, SEATING AND LIKE USES**
[54] **ELEMENT ALLONGE EN PLASTIQUE OBTENU PAR EXTRUSION ET SERVANT A LA CONSTRUCTION DE PLANCHERS PLATES-FORMES, SIEGES ET AUTRES ENSEMBLES ANALOGUES**
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[72] Wall, Frederic E. C., CA
[73] Western Profiles Limited, CA
[22] 1996-12-09

[11] **2,196,613**
[13] C

[51] **Int.Cl. 6G01N 35/04**
[25] EN
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[54] **APPAREIL ET PROCEDE**
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[72] Sagona, Peter Joseph, US
[72] O'Bryan, David P., US
[72] Constable, Kevin N., US
[73] SMITHKLINE BEECHAM CORPORATION, US
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[30] US (08/460,444) 1995-06-02

[11] **2,190,277**
[13] C

[51] **Int.Cl. 6F42B 7/04 6F42B 33/00**
[25] EN
[54] **SHOT PELLETS FOR GAME HUNTING ON WET MARSCHLANDS AND A METHOD OF MANUFACTURING SUCH SHOT**
[54] **GRENAILLES DE PLOMB POUR CHASSE DE LOISIR DANS DES REGIONS MARECAGEUSES HUMIDES ET PROCEDE DE FABRICATION DE CE PROJECTILE**
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[72] Johansson, Kjell-Ake, SE
[72] Lindgren, Per-Olov, NO
[72] Johansson, Karl-Erik, SE
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[30] SE (9501125-0) 1995-03-28

[11] **2,194,909**
[13] C

[51] **Int.Cl. 6A61F 2/02 6A61L 27/00 6A61K 9/10**
[25] EN
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[54] **COMPOSITION INJECTABLE DANS LES TISSUS ET PROCEDE D'UTILISATION**
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[72] Williams, Jeffrey Michael, US
[73] ADVANCED UROSCIENCE, INC., US
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[87] (WO96/02209)
[30] US (08/274,777) 1994-07-14

[11] **2,196,666**
[13] C

[51] **Int.Cl. 6A61L 9/03 6A01M 1/20**
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[54] **ELECTRIC DEVICE FOR THE VAPORIZATION OF ADDITIVES**
[54]
[72] Steinel, Heinrich Wolfgang, Jr., DE
[73] STEINEL GmbH & CO. KG, DE
[85] 1997-02-03
[86] 1995-07-24 (PCT/EP95/02917)
[87] (WO96/04021)
[30] EP (94112152.7) 1994-08-03

[11] **2,195,253**
[13] C

[51] **Int.Cl. 6B29B 7/84**
[25] EN
[54] **CONVEYOR FOR DEGASSING OF MIXTURES FOR SOLID SURFACE PRODUCTS AND METHOD OF USE**
[54] **ONVOYEUR POUR LE DEGAZAGE DE MELANGES ET LA REALISATION DE PRODUITS A SURFACE SOLIDE ET METHODE D'UTILISATION DUDIT CONVOYEUR**
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[73] Gisco Technology Ltd., US
[22] 1997-01-16
[30] US (08/588,978) 1996-01-19

[11] **2,197,194**
[13] C

[51] **Int.Cl. 6A61L 2/26 6A61B 19/00**
[25] EN
[54] **INSTRUMENT STERILIZATION LIFE-SPAN INDICATOR**
[54] **INDICATEUR DE DUREE DE VIE D'UN INSTRUMENT DE STERILISATION**
[72] MALCHESKY, Paul S., US
[72] GRIGNOL, George E., US
[73] STERIS CORPORATION., US
[85] 1997-02-10
[86] 1995-08-16 (PCT/US95/10445)
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[30] US (08/291,989) 1994-08-17

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[11] **2,200,923**
[13] C

[51] **Int.Cl. 6A61B 6/00**
[25] EN
[54] **MEGAVOLTAGE IMAGING METHOD USING A COMBINATION OF A PHOTORECEPTOR WITH A HIGH ENERGY PHOTON CONVERTER AND INTENSIFIER**
[54] **METHODE D'IMAGERIE EN MEGAVOLTS COMBINANT UN PHOTORECEPTEUR ET UN CONVERTISSEUR ET CONCENTRATEUR DE PHOTONS A HAUTE ENERGIE**
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[72] FALLONE, Biagio Gino, CA
[73] McGill University, CA
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[30] US (08/625,063) 1996-03-29

[11] **2,203,748**
[13] C

[51] **Int.Cl. 6G01R 33/02 6G01R 1/44**
[25] EN
[54] **DEVICE USED FOR LONG TERM MONITORING OF MAGNETIC FIELDS**
[54] **DISPOSITIF DE SURVEILLANCE A LONG TERME DE CHAMPS MAGNETIQUES**
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[73] PUBLIC SERVICE ELECTRIC AND GAS COMPANY, US
[22] 1997-04-25
[30] US (08/637,498) 1996-04-25

[11] **2,209,397**
[13] C

[51] **Int.Cl. 6E01H 5/10**
[25] EN
[54] **METHOD AND APPARATUS FOR MELTING SNOW**
[54] **APPAREIL ET METHODE POUR FONDRE DE LA NEIGE**
[72] DEROME, Andre, CA
[73] DEROME, Andre, CA
[22] 1997-06-30
[30] US (08/675,143) 1996-07-03

[11] **2,209,971**
[13] C

[51] **Int.Cl. 6B60P 1/28**
[25] EN
[54] **TRUCK BOX DIVIDER**
[54] **CLOISON POUR CAISSE DE CAMION**
[72] SCHARF, James E., CA
[72] WILKINSON, Andrew, CA
[73] SCHARF, James E., CA
[73] WILKINSON, Andrew, CA
[22] 1997-07-07

[11] **2,211,431**
[13] C

[51] **Int.Cl. 6H05B 1/02**
[25] EN
[54] **LIGHT SENSITIVE CONTROL FOR TOASTER**
[54] **COMMANDE PHOTOSENSIBLE POUR GRILLE-PAIN**
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[73] Black & Decker Inc., US
[22] 1997-07-24
[30] US (08/700,180) 1996-08-19

[11] **2,217,997**
[13] C

[51] **Int.Cl. 6B66F 11/04 6B66F 9/12 6B60P 3/40**
[25] FR
[54] **DISPOSITIF POUR FACILITER LE DEPLACEMENT ET LE POSITIONNEMENT D'UNE PIECE CYLINDRIQUE ALLONGEE**
[54] **DEVICE FOR FACILITATING THE MOVEMENT AND POSITIONING OF A LONG CYLINDRICAL PART**
[72] BOUTIN, Mario, CA
[73] NEILSON EXCAVATION INC., CA
[22] 1997-11-03

[11] **2,223,295**
[13] C

[51] **Int.Cl. 6G02C 9/00 6G02C 7/08**
[25] EN
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[54] **LENTILLES D'APPOINT POUR LUNETTES**
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[73] RICHARD CHAO, TW
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[13] A1

[51] **Int.Cl. 6A61M 25/02**
[25] EN
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[54] **DISPOSITIF DE FIXATION DE CATHETER A FAIBLE PROFIL**
[72] HO, C.S., CA
[71] HO, C.S., CA
[22] 1997-12-01
[43] 1999-06-01

[21] **2,217,782**
[13] A1

[51] **Int.Cl. 6A61N 2/04**
[25] EN
[54] **CALCILYSING DEVICE FOR MEDICAL APPLICATIONS**
[54] **DISPOSITIF CALCILYSANT POUR USAGE MEDICAL**
[72] SULLIVAN, Clifford S., CA
[71] SULLIVAN, Clifford S., CA
[22] 1997-12-02
[43] 1999-06-02

[21] **2,217,791**
[13] A1

[51] **Int.Cl. 6F41G 1/54**
[25] EN
[54] **BORE ALIGNMENT DEVICE UTILIZING A LASER FOR TELESCOPIC AND OPEN SIGHTS ON RIFLES AND HANDGUNS**
[54] **DISPOSITIF DE SIMBLEAUTAGE AU LASER POUR LUNETTES DE VISEE ET HAUSSES OUVERTES DE FUSIL ET D'ARME DE POING**
[72] IRWIN, Phillip Edward, CA
[71] IRWIN, Phillip Edward, CA
[22] 1997-12-05
[43] 1999-06-05

[21] **2,217,209**
[13] A1

[51] **Int.Cl. 6G01N 33/53 6G07D 7/00 6G09F 3/00 6G01N 33/52 6G01N 33/558**
[25] EN
[54] **ONE-STEP IMMUNO/CHEMISTRY [54] AUTHENTICATION IMMUNO-CHEMIQUE A UNE ETAPE**
[72] ZHU, Jia Bei, CA
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[22] 1997-12-01
[43] 1999-06-01

[21] **2,217,783**
[13] A1

[51] **Int.Cl. 6B24B 9/04**
[25] EN
[54] **BELT-TYPE SKATE SHARPENING APPARATUS**
[54] **AFFUTEUSE DE PATINS A COURROIE**
[72] HOLLINGSHEAD, Wayne, CA
[72] HOLLINGSHEAD, Richard, CA
[71] HOLLINGSHEAD, Wayne, CA
[71] HOLLINGSHEAD, Richard, CA
[22] 1997-12-02
[43] 1999-06-02

[21] **2,217,943**
[13] A1

[51] **Int.Cl. 6A41D 13/06**
[25] FR
[54] **G & G PROTEGE PANTALON**
[54] **PANT SAVER**
[72] HANNA, Gabaret, CA
[72] KHALIL, Georges, CA
[71] HANNA, Gabaret, CA
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[22] 1997-12-01
[43] 1999-06-01

[21] **2,217,765**
[13] A1

[51] **Int.Cl. 6A01G 17/08 6A01G 9/12**
[25] EN
[54] **TOMATO STRING STEM FRUIT CLUSTER SUPPORT DEVICE**
[54] **TUTEUR POUR VIGNE DE TOMATES, NOTAMMENT POUR EMPLOI DANS DES SERRES**
[72] PABLO, Gerardo Y, CA
[72] BORLAND, Edward F., CA
[71] PABLO, Gerardo Y, CA
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[22] 1997-12-01
[43] 1999-06-01

[21] **2,217,789**
[13] A1

[51] **Int.Cl. 6B08B 1/00**
[25] EN
[54] **HAIR BRUSH AND COMB CLEANER**
[54] **NETTOYANT POUR PEIGNE ET BROSSE A CHEVEUX**
[72] BAKOPANOS, George, CA
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[51] **Int.Cl. 6A61K 48/00 6A61K 38/17 6A61K 31/70**
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[54] **THERAPEUTIC METHODS FOR PROSTATE CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER DE LA PROSTATE**
[72] ROBINSON-BENION, Cheryl L., US
[72] THOMPSON, Marilyn E., US
[72] HOLT, Jeffrey T., US
[72] JENSEN, Roy A., US
[72] STEINER, Mitchell S., US
[72] KING, Mary-Claire, US
[71] UNIVERSITY OF WASHINGTON, US
[71] VANDERBILT UNIVERSITY, US
[22] 1997-12-12
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[30] US (08/986,106) 1997-12-05

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[13] A1
[51] **Int.Cl. 6B60R 3/02**
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[54] **ETRIER ESCAMOTABLE**
[54] **RETRACTABLE STIRRUP**
[72] GERVAIS, Rolland, CA
[71] GERVAIS, Rolland, CA
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[51] **Int.Cl. 6B32B 3/12 6D06M 17/00 6A41D 31/02**
[25] FR
[54] **METHODE DE FABRICATION ISOLANTE ET THERMIQUE DE BULLES D'AIR ET FILM D'ALUMINIUM OU METALLISE REFLECHISSANT ADAPTEE AUX VETEMENTS**
[54] **TECHNIQUE FOR THE MANUFACTURING OF THERMAL INSULATING AIR BUBBLES AND ALUMINUM OR METALLIC REFLECTING FILM FOR USE IN CLOTHING**
[72] PERRON, Maurice, CA
[71] PERRON, Maurice, CA
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[13] A1
[51] **Int.Cl. 6A47G 9/04**
[25] EN
[54] **BEDDING ATTACHMENT AND CONTAINMENT SYSTEM**
[54] **FIXATION DE LITERIE ET ENCEINTE DE CONFINEMENT**
[72] SCHWARTZ, Jack, CA
[71] SCHWARTZ, Jack, CA
[22] 1997-12-02
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[21] **2,220,785**
[13] A1
[51] **Int.Cl. 6C12Q 1/68 6C12N 15/10 6C07K 1/22**
[25] EN
[54] **SELECTIVE TECHNIQUE FOR RAPID IDENTIFICATION OF PROTEINS AND GENES AND USES THEREOF**
[54] **TECHNIQUE SELECTIVE D'IDENTIFICATION RAPIDE DES PROTEINES ET DES GENES ET USAGES PERTINENTS**
[72] ROUISSI, Noureddine, CA
[72] BRUCKNER, Ivan, CA
[72] BELMAAZA, Abdellah, CA
[71] POLYGENE INC., CA
[22] 1997-12-02
[43] 1999-06-02

[21] **2,223,071**
[13] A1
[51] **Int.Cl. 6B65D 35/02 6B65C 3/08 6B65D 83/14**
[25] EN
[54] **A METHOD AND APPARATUS FOR APPLYING A PRINTED LABEL TO A METAL CONTAINER AND THE LABELED CONTAINER PRODUCED THEREBY**
[54] **TECHNIQUE ET APPAREIL POUR L=APPLICATION D=UNE ETIQUETTE IMPRIMEE SUR UN CONTENANT EN METAL, ET LE CONTENANT AINSI ETIQUETE**
[72] DOHERTY, Terrence, CA
[72] PILON, Betty Jean, CA
[72] FOURNIER, Gilles, CA
[71] Great Pacific Enterprises Inc., CA
[22] 1997-12-01
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[13] A1
[51] **Int.Cl. 6A01K 1/01**
[25] EN
[54] **SELF FILTERING LITTER BOX FOR PETS**
[54] **LITIERE A SYSTEME D=AUTO-FILTRAGE POUR ANIMAUX DOMESTIQUES**
[72] POULOS, Louis, US
[71] POULOS, Louis, US
[22] 1997-12-01
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[21] **2,223,075**
[13] A1
[51] **Int.Cl. 6C12N 15/54 6A61K 48/00 6A01K 67/027 6C12N 9/12 6C07K 16/40 6A61K 38/45 6C12Q 1/48 6G01N 33/53 6G01N 33/573 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **DRUG BINDING PROTEIN**
[54] **PROTEINE FIXATRICE DE MEDICAMENTS**
[72] McDONNELL, Peter Colon, US
[72] YOUNG, Peter Ronald, US
[71] SmithKline Beecham Corporation, US
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[43] 1999-06-02

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[51] **Int.Cl. 6C12N 15/10 6C12P 19/34 6C12Q 1/68**
[25] EN
[54] **CRUCIFORM BINDING PROTEIN**
[54] **PROTEINE LIANTE CRUCIFORME**
[72] TODD, Andrea, CA
[72] PRICE, Gerald B., CA
[72] ZANNIS-HADJOPOULOS, Maria, CA
[71] MCGILL UNIVERSITY, CA
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[51] **Int.Cl. 6D04B 1/14 6A61F 13/46**
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[54] **TEXTILE FABRIC**
[54] **TISSU TEXTILE**
[72] SO, Kin, CA
[72] ANYON, David, CA
[71] Vintex Inc., CA
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[51] **Int.Cl. 6H04L 12/24 6G06F 9/44 6H04L 12/56**
[25] EN
[54] **HTTP INTERFACE TO ELEMENT MANAGER INFRASTRUCTURE**
[54] **INTERFACE HTTP POUR INFRASTRUCTURE DE GESTIONNAIRE D=ELEMENTS**
[72] TURNER, Robert, CA
[72] KADAR, Vincent, CA
[72] DUIMOVICH, Frank, CA
[71] CrossKeys Systems Corporation, CA
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[21] **2,223,164**
[13] A1

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[25] EN
[54] **PRESS DEVICE**
[54] **PRESSE**
[72] MATSUOKA, Mitsuo, JP
[71] Umix Co., Ltd., JP
[22] 1997-12-02
[43] 1999-06-02

[21] **2,223,193**
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 12/24**
[25] EN
[54] **ADAPTIVE BUFFERING ALLOCATION UNDER MULTIPLE QUALITY OF SERVICE**
[54] **ALLOCATION ADAPTATIVE DU TAMPONNAGE SOUS UN SYSTEME DE QUALITES DE SERVICE (QDS) MULTIPLES**
[72] WOLFF, Mark S., CA
[71] Newbridge Networks Corporation, CA
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[43] 1999-06-01

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[25] EN
[54] **METHOD FOR IDENTIFYING AGONISTS AND ANTAGONISTS OF DNA REPLICATION USING AN IN VITRO MAMMALIAN DNA REPLICATION SYSTEM**
[54] **TECHNIQUE POUR L=IDENTIFICATION D=AGONISTES ET D=ANTAGONISTES LORS DE LA REPLICATION DE L=ADN, DANS LE CADRE D=UN SYSTEME DE REPLICATION IN VITRO PORTANT SUR DES MAMMIFERES**
[72] WAINER, Irving W., CA
[72] ZANNIS-HADJOPOULOS, Maria, CA
[72] PRICE, Gerald B., CA
[72] DIAZ-PEREZ, Maria, CA
[72] AZZAOU, Kamal, CA
[71] MCGILL UNIVERSITY, CA
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[43] 1999-06-01

[21] **2,223,298**
[13] A1

[51] **Int.Cl. 6B21D 19/08**
[25] EN
[54] **TOOL KIT AND METHOD FOR SWAGING AND FLARING METAL TUBES**
[54] **TROUSSE D=OUTILS POUR ETAMPER ET POUR EVASER LES TUBES METALLIQUES**
[72] NGUYEN, Tien, CA
[71] NGUYEN, Tien, CA
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[43] 1999-06-02

[21] **2,223,301**
[13] A1

[51] **Int.Cl. 6A63B 5/11 6A63B 5/00**
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[54] **EXERCISE DEVICE**
[54] **EXERCISEUR**
[72] KONG, Phoenix Kuo, CA
[71] KONG, Phoenix Kuo, CA
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[43] 1999-06-02

[21] **2,223,306**
[13] A1

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[25] EN
[54] **PULL-OUT TRUCK BED**
[54] **PLATE-FORME DE CAMION RETRACTABLE**
[72] LAIRD, Donald, US
[71] LAIRD, Donald, US
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[13] A1

[51] **Int.Cl. 6B60R 21/00 6B60R 27/00 6B62D 55/07 6B63B 43/14**
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[54] **SNOWMOBILE FLOTATION DEVICE**
[54] **DISPOSITIF DE FLOTTATION POUR MOTONEIGE**
[72] MORRISON, Max E., CA
[72] POLON, Jay, CA
[72] DOWNEY, Hugh, CA
[71] MORRISON, Max E., CA
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[21] **2,223,331**
[13] A1

[51] **Int.Cl. 6B01D 19/00 6C02F 1/20 6C02F 1/78**
[25] EN
[54] **TANK FOR REMOVING UNABSORBED GAS FROM A MIXTURE OF UNABSORBED GAS AND LIQUID**
[54] **RESERVOIR POUR EXTRAIRE UN GAZ NON ABSORBE D=UN MELANGE DE LIQUIDE ET DE GAZ NON ABSORBE**
[72] ANDREWS, Steven L., CA
[71] ANDREWS, Steven L., CA
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[51] Int.Cl. 6A61J 1/05 6B65D 47/08
[25] EN
[54] COMBINATION OF A URINE
CONTAINER AND LID THEREFOR
[54] COMBINAISON DE CONTENEUR
D'URINE ET DE COUVERCLE
[72] LAFOND, André, CA
[71] LAFOND, André, CA
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[21] 2,223,338
[13] A1
[51] Int.Cl. 6B63B 17/00
[25] EN
[54] PROTECTIVE COVER FOR
WATERCRAFT
[54] HOUSSE DE PROTECTION POUR
VEHICULES MARINS
[72] KALHOK, David, CA
[72] RONDEAU, Pierre, CA
[71] BOMBARDIER INC., CA
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[21] 2,223,339
[13] A1
[51] Int.Cl. 6B63B 25/00 6B60R 9/02
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[25] EN
[54] CARRIER RACK FOR USE ON A
WATERCRAFT
[54] PORTE-PLANCHETTE PAGAIES
POUR UTILISATION SUR UN
VEHICULE MARIN
[72] KALHOK, David, CA
[72] RONDEAU, Pierre, CA
[71] BOMBARDIER INC., CA
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[43] 1999-06-03

[21] 2,223,340
[13] A1
[51] Int.Cl. 6F16G 11/12 6B63B 21/00
[25] EN
[54] BARGE RATCHET DRIVER WITH
REACTION BARS
[54] ENTRAINEMENT POUR ROCHET
DE BARGE MUNI DE TIGES A
REACTION
[72] GROVER, Donald D., US
[71] Snap-on Tools Company, US
[22] 1997-12-03
[43] 1999-06-01
[30] US (08/980,719) 1997-12-01

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[51] Int.Cl. 6B63B 35/83 6B63B 35/85
[25] EN
[54] PERSONAL WATERCRAFT
[54] VEHICULE MARIN INDIVIDUEL
[72] WELZ, Jaroslav, CA
[71] WELZ, Jaroslav, CA
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[21] 2,223,345
[13] A1
[51] Int.Cl. 6A42B 3/28 6A42B 3/24
[25] EN
[54] FULL FACE HELMET WITH
BREATHING MASK
[54] CASQUE INTEGRAL AVEC
MASQUE FILTRANT
[72] CADOTTE, Germain, CA
[72] KALHOK, David, CA
[72] RONDEAU, Pierre, CA
[71] BOMBARDIER INC., CA
[22] 1997-12-03
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[21] 2,223,346
[13] A1
[51] Int.Cl. 6B63H 25/46
[25] EN
[54] TURNING AID NOZZLE
[54] BUSE-AIDE VIRAGE
[72] RHÉAULT, Alain, US
[72] MICHEL, Camille, CA
[71] BOMBARDIER INC., CA
[22] 1997-12-03
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[21] 2,223,352
[13] A1
[51] Int.Cl. 6A01D 84/00
[25] EN
[54] WINDROW TURNING
APPARATUS
[54] APPAREIL DE RETOURNEMENT
DU FOURRAGE
[72] LAING, Murray Robert, CA
[71] LAING, Murray Robert, CA
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[51] Int.Cl. 6E02B 3/04
[25] EN
[54] EROSION PROTECTION AND
PLANT MAT
[54] MATTE POUR PLANTES
PROTEGEANT CONTRE L'EROSION
[72] KAZIL, Otto, AT
[71] KAZIL, Otto, AT
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[13] A1
[51] Int.Cl. 6A61C 5/04 6A61C 5/12
[25] EN
[54] APPARATUS FOR PLACEMENT
OF DENTAL FILLINGS
[54] APPAREIL POUR LA MISE EN
PLACE D'OBTURATIONS DENTAIRES
[72] HAGUE, Anthony M., CA
[72] McKENNA, Mark H., CA
[71] Mercor Dental Products Inc., CA
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[51] Int.Cl. 6B05D 3/12 6B05D 5/12
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[25] EN
[54] CALENDERED DOUBLE SIDE
SEGMENT COATED WEBS
[54] BANDES AVEC SEGMENTS
DOUBLE FACE CALENDREES
[72] LEUNG, Alexander Man-Chung, CA
[72] REIMERS, Jan Naess, CA
[72] MANABE, Akiyoshi, CA
[71] MOLI ENERGY (1990) LIMITED, CA
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[13] A1

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[25] EN
[54] **POLYMORPHISMS IN A MICROSATELLITE REGION OF A GLUCOCORTICOID RECEPTOR GENE**
[54] **POLYMORPHISMES DANS UNE REGION MICROSATELLITE D'UN GENE RECEPTEUR DE GLUCOCORTICOIDE**
[72] RUTHERFORD, Susan, AU
[72] MORRIS, Brian James, AU
[72] GRIFFITHS, Lynette Robyn, AU
[71] GEMINI INTERNATIONAL HOLDINGS LIMITED, MC
[22] 1997-12-03
[43] 1999-06-03

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[51] **Int.Cl. 6C07C 237/46 6C07C 231/24**
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[54] **PROCESS FOR THE PREPARATION OF CRYSTALLINE AND SOLVENT FREE IOHEXOL**
[54] **PROCEDE POUR LA PREPARATION D'IOHEXOL CRISTALLIN SANS SOLVENT**
[72] VILLAX, Guido Du Boulay, PT
[72] PEREZ, Carlos Manuel Alvarez, PT
[72] GANCHAS DE CARVALHO, Alexandre José, PT
[71] HOVIONE INTER LTD., CH
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[13] A1

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[54] **PICKING BRUSH FOR LIFTING DEBRIS FROM THE GROUND**
[54] **BROSSE DE RAMASSAGE POUR SOULEVER DES DEBRIS DU SOL**
[72] GALL, Brian R., CA
[71] GALL, Brian R., CA
[71] CARSON, Ronald, CA
[22] 1997-12-04
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[54] **MOTORCYCLE MOUNTED GARAGE DOOR OPENER**
[54] **OUVRE-PORTE DE GARAGE MONTE SUR MOTOCYLETTE**
[72] ROBB, Jack J., CA
[71] ROBB, Jack J., CA
[22] 1997-12-04
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[51] **Int.Cl. 6C07C 323/22 6C07F 1/00 6C09B 1/02 6C07D 487/04 6C07D 493/06 6C07C 50/16 6C07C 50/28 6C07C 50/34 6H01M 4/60**
[25] FR
[54] **NOUVEAUX MATERIAU D'ELECTRODES DERIVES DE COMPOSES IONIQUES POLY UINONIQUES, LEURS UTILISATIONS COMME DANS LES GENERATEURS ELECTROCHIMIQUES**
[54] **NEW ELECTRODE MATERIAL DERIVED FROM IONIC POLYQUINOID COMPOUNDS, AND THEIR USES, ESPECIALLY IN ELECTROCHEMICAL GENERATORS**
[72] ARMAND, Michel, CA
[72] MICHOT, Christophe, CA
[72] RAVET, Nathalie, CA
[71] HYDRO-QUÉBEC, CA
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[21] **2,223,620**
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 31/135 6A61K 31/52**
[25] EN
[54] **CYCLIC AMP-INDUCED RESISTANCE TO HIV-1 BY DOWNREGULATION OF CC-CHEMOKINE RECEPTOR 5**
[54] **RESISTANCE AU HIV-1 AMENEE PAR L'AMP CYCLIQUE ENTRAINANT LA DIMINUTION DU NOMBRE DE RECEPTEURS 5 DE CHIMIOKINES CC**
[72] ROLA-PLESZCZYNSKI, Marek, CA
[72] STANKOVA, Jana, CA
[71] UNIVERSITÉ DE SHERBROOKE, CA
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[13] A1

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[25] EN
[54] **FIREWOOD SPLITTING MACHINE**
[54] **MACHINE FENDRE LE BOIS DE CHAUFFAGE**
[72] LIU, Wun-Hui, TW
[71] LIU, Wun-Hui, TW
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[21] **2,223,657**
[13] A1

[51] **Int.Cl. 6A41B 13/06**
[25] FR
[54] **VETEMENT DE NUIT DE SECURITE POUR JEUNES ENFANTS**
[54] **SAFETY NIGHTWEAR FOR YOUNG CHILDREN**
[72] PAOLI, Pierre, FR
[71] PAOLI, Pierre, FR
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[21] **2,223,659**
[13] A1

[51] **Int.Cl. 6A61M 5/178 6A61C 5/02**
[25] FR
[54] **INJECTEUR MEDICAL**
[54] **INJECTOR FOR MEDICAL USE**
[72] VILLETTE, Alain, FR
[71] VILLETTE, Alain, FR
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[21] **2,223,662**
[13] A1

[51] **Int.Cl. 6E21B 44/00 6E21B 10/00**
[25] EN
[54] **METHOD FOR DETERMINING DRILLING BIT WEAR**
[54] **METHODE POUR DETERMINER L'USURE DU TREPAN**
[72] ROBINSON, Allan D., CA
[71] DATALOG TECHNOLOGY INC., CA
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[13] A1
[51] **Int.Cl. 6A63B 67/02**
[25] EN
[54] **MINIATURE GOLF GAME**
[54] **JEU DE GOLF MINIATURE**
[72] MORRIS, Gregory P., US
[72] KESKA, Tadeusz W., US
[72] CARTABIANO, James E., US
[71] Hasbro, Inc., US
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[30] US (08/980,968) 1997-12-01

[21] 2,223,666
[13] A1
[51] **Int.Cl. 6H04B 3/54 6H04B 1/69**
[25] EN
[54] **POWER DISTRIBUTION GRID**
COMMUNICATION SYSTEM
[54] **SYSTEME DE COMMUNICATION**
PAR LA VOIE DU SECTEUR
[72] PIERCY, Raymond, CA
[72] KUURSTRA, John, CA
[72] CULLEN, Andrew, CA
[71] PIERCY, Raymond, CA
[71] KUURSTRA, John, CA
[71] CULLEN, Andrew, CA
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[13] A1
[51] **Int.Cl. 6H04B 10/18**
[25] EN
[54] **MINIMUM PHASE DISPERSION**
COMPENSATOR
[54] **COMPENSATEUR DE DISPERSION**
A DEPHASAGE MINIMAL
[72] DAVIES, Robert J., CA
[71] TELECOMMUNICATIONS
RESEARCH LABORATORIES, CA
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[43] 1999-06-04

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[13] A1
[51] **Int.Cl. 6F21L 19/00**
[25] EN
[54] **CANDLE LANTERN**
[54] **LANTERNE A BOUGIE**
[72] BRIERE, Allen, CA
[72] SHYMCHUK, John, CA
[71] BRIERE, Allen, CA
[71] SHYMCHUK, John, CA
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[43] 1999-06-04

[21] 2,223,770
[13] A1
[51] **Int.Cl. 6F02D 9/04**
[25] EN
[54] **VALVE ASSEMBLY USING**
PRESSURIZED MEDIUM FOR
CONTROLLING OPERATING
CONDITIONS OF A TWO-STROKE
ENGINE
[54] **ENSEMBLE DE SOUPAPES**
UTILISANT UN ELEMENT SOUS
PRESSION POUR CONTROLER LES
CONDITIONS DE FONCTIONNEMENT
D'UN MOTEUR A DEUX TEMPS
[72] MATTE, Sylvain, CA
[71] BOMBARDIER INC., CA
[22] 1997-12-05
[43] 1999-06-05

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[13] A1
[51] **Int.Cl. 6B25B 13/46**
[25] EN
[54] **SEALED REVERSIBLE RATCHET**
WRENCH
[54] **CLE A ROCHET REVERSIBLE**
ETANCHE
[72] SLUSAR, Randall J., US
[72] HOFF, Jeffrey H., US
[71] SNAP-ON TOOLS COMPANY, US
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[43] 1999-06-05

[21] 2,223,782
[13] A1
[51] **Int.Cl. 6A01B 39/28 6A01B 59/04**
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[25] EN
[54] **CULTIVATOR**
[54] **CULTIVATEUR**
[72] HUBSCHER, Darin, CA
[71] HUBSCHER, Darin, CA
[71] GRAZIER, Clifford, CA
[22] 1997-12-05
[43] 1999-06-05

[21] 2,223,802
[13] A1
[51] **Int.Cl. 6B66C 1/58**
[25] EN
[54] **GRAPPLE**
[54] **GRAPPIN**
[72] MCCULLOUGH, Byron, CA
[71] MCCULLOUGH, Byron, CA
[22] 1997-12-05
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[13] A1
[51] **Int.Cl. 6A01N 65/00 6A01N 31/02**
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[25] EN
[54] **ANIMAL DETERRENT DEVICE**
[54] **DISPOSITIF DE REPULSION**
D'ANIMAUX
[72] GARON, Richard, CA
[71] GARON, Richard, CA
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[54] **METHODE ET APPAREIL DE**
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[71] SQUARE D COMPANY, US
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[72] SELLERS, Edward M., CA
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[54] **DISPOSITIF DE TRI ET D'EMBALLAGE POUR PANNEAUX DE BARDAGE**
[72] STOVIN, Garfield, US
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[72] LONGORIA, Jose L., US
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[72] BARBER, Wayne H., US
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[72] NEWTON, Ronald O., US
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[51] **Int.Cl. 6G03F 7/038**
[25] EN
[54] **PHOTOIMAGEABLE COMPOSITION HAVING IMPROVED FLEXIBILITY, ADHESION AND STRIPPING CHARACTERISTICS**
[54] **COMPOSITION POUR LE TIRAGE SUR MATERIEL PHOTOGRAPHIQUE, OFFRANT DES PROPRIETES AMELIOREES DE FLEXIBILITE, D'ADHESION ET DE MONTAGE**
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[72] BARR, Robert, US
[71] NICHIGO MORTON CO., LTD., JP
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[51] **Int.Cl. 6G03F 7/038**
[25] EN
[54] **PHOTOIMAGEABLE COMPOSITIONS FOR IMPROVED ADHESION AND PROCESSING TIMES**
[54] **COMPOSITION POUR LE TIRAGE SUR MATERIEL PHOTOGRAPHIQUE, OFFRANT UNE ADHESION AMELIOREE ET DES DELAIS DE DEVELOPPEMENT PLUS COURTS**
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[72] LUNDY, Daniel E., US
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[54] **APPAREIL, SYSTEME ET METHODE POUR ENLEVER LES PARTIES D'UN CADRE**
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[72] KRESAK, Paul Fedor, CA
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[54] **MACHINE A POINCONNER AMELIOREE POUR PANNEAUX EN TOLE**
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[54] **ARTICLE ABSORBANT MUNI DE RABATS DE RETENUE AMELIORES**
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[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[21] **2,251,177**
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[25] EN
[54] **FLEXIBLE POLYMER PACKAGING BAG WITH A PARTIALLY PARALLEL OPENING FEATURE**
[54] **SAC D'EMBALLAGE EN POLYMERE SOUPLE AVEC ELEMENT D'OUVERTURE PARTIELLEMENT PARALLELE**
[72] SORENSON, Jesse Paul, US
[72] MACHURICK, Michael Andrew, US
[72] LAGER, Thomas Michael, US
[72] MACDONALD, Gregory Allen, US
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[54] **METHOD AND APPARATUS FOR CONTINUOUSLY FORMING A BLOWN FILM**
[54] **METHODE ET APPAREIL POUR LA PRODUCTION EN CONTINU DE FEUILLES SOUFFLEES**
[72] WEBENGA, William J., CA
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[30] US (08/985,822) 1997-12-05

[21] **2,251,528**
[13] A1

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[25] EN
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[54] **APPAREIL POUR MAINTENIR ET SCELLER UN RADIATEUR A UN CAPOT MOTEUR D'UN ENGIN DE MISE EN OEUVRE**
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[71] CATERPILLAR INC., US
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[13] A1

[51] **Int.Cl. 6H04M 3/46 6H04M 3/54**
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[54] **SYSTEME DE TELECOMMUNICATION OFFRANT UN SERVICE DE CONTROLE DES ABONNES DEMANDEURS**
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[71] LUCENT TECHNOLOGIES INC., US
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[30] US (08/982,684) 1997-12-02

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[13] A1

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[54] **METHOD AND APPARATUS FOR PROVIDING CALLING PARTY CONTROL**
[54] **METHODE ET APPAREIL FOURNISSANT UN CONTR LE A L'APPELANT**
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[13] A1

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[54] **METHODE ET SYSTEME DE LIVRAISON DE COURTS AVIS DE MESSAGE**
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[54] **STRUCTURE AMELIOREE POUR LIT D'EAU**
[72] CHOW, Andy, TW
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[21] **2,252,018**
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[54] **CENTRE DE COMMUTATION DE GROUPE POUR LES SERVICES MOBILES**
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[21] **2,252,021**
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[51] **Int.Cl. 6G06F 3/023 6H04L 25/30**
[25] EN
[54] **METHOD AND APPARATUS FOR INPUT OF DATA**
[54] **METHODE ET APPAREIL D'ENTREE DE DONNEES**
[72] WOODFIELD, David Alan, GB
[72] JOHNSON, Andrew, GB
[72] WESTON, David Robert, GB
[72] WALTON, Anthony Stephen, GB
[72] COPPER, Andrew James, GB
[71] TWO WAY TV LIMITED, GB
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[30] EP (97309664.7) 1997-12-02

[21] **2,252,074**
[13] A1
[51] **Int.Cl. 6H04L 5/22 6G06F 3/023**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING DATA**
[54] **METHODE ET APPAREIL DE TRANSMISSION DE DONNEES**
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[43] 1999-06-02
[30] EP (97309670.4) 1997-12-02

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[51] **Int.Cl. 6E02F 9/28**
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[54] **FIXE-GOUPILLE POUR OUTILS DE BINAGE**
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[21] **2,252,123**
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[51] **Int.Cl. 6G03F 7/038**
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[54] **COMPOSITION DE RESINE PHOTOSENSIBLE ET ELEMENT PHOTOSENSIBLE EMPLOYANT LADITE COMPOSITION**
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[25] EN
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[54] **SEPARATEUR (D'ACCUMULATEURS) A ONDULATION REDUITE ET METHODE CONNEXE**
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[51] **Int.Cl. 6H04Q 3/545 6H04L 12/56**
[25] EN
[54] **METHOD AND APPARATUS FOR ALLEVIATING SWITCH CONGESTION CAUSED BY LONG HOLD TIMES FOR ON-LINE ACCESS CALLS**
[54] **METHODE ET APPAREIL POUR ATTENUER LA CONGESTION DE COMMUTEURS PROVOQUEE PAR DES DUREES D'OCCUPATION ETENDUES LORS D'APPELS D'ACCES EN LIGNE**
[72] JIANG, Shou-Huey, US
[72] MEDEIROS, Steven Robert, US
[72] PIQUERAS, Eduardo, US
[72] DOAK, James William, CA
[72] FAIR, Geoffrey William, US
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[21] **2,252,248**
[13] A1

[51] **Int.Cl. 6H04Q 3/66 6H04L 12/24**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING AND HANDLING ON-LINE ACCESS CALLS WITHIN A SWITCH**
[54] **METHODE ET APPAREIL POUR L'IDENTIFICATION ET LA GESTION D'APPELS D'ACCES EN LIGNE A L'INTERIEUR D'UN COMMUTATEUR**
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[72] MEDEIROS, Steven Robert, US
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[13] A1

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[25] EN
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[54] **BOITIER DE MICROCIRCUITS FLEXIBLE**
[72] HARRIS, Mark Roy, CA
[72] DAVIES, Bill Tempest, CA
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[13] A1

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[54] **PURIFICATION AND PRODUCTION METHODS FOR 1,1-DIFLUOROETHANE AND THE PRODUCT OBTAINED BY THESE METHODS**
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[72] ANCIAUX, Charles-Marie, FR
[72] LECROC, Dominique, FR
[71] SOLVAY (SOCIETE ANONYME), BE
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[72] HIRSCH, Walter, DE
[71] DEERE & COMPANY, US
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[43] 1999-06-02
[30] DE (197 53 486.4) 1997-12-02

[21] **2,252,951**
[13] A1

[51] **Int.Cl. 6B60D 1/60 6B60D 1/62**
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[13] A1

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[30] US (08/985,336) 1997-12-04

[21] **2,252,954**
[13] A1

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[25] EN
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FROM CARBOXYDOTHERMUS
HYDROGENO-FORMANS AND ITS USE
FOR COUPLED REVERSE
TRANSCRIPTION AND POLYMERASE
CHAIN REACTION

[54] POLYMERASE ADN MODIFIE
OBTENU D'HYDROGENOFORMANS
CARBOXYDOTHERMES ET SON
UTILITE QUANT A LA
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ET L'AMPLIFICATION EN CHAINE
PAR POLYMERASE

[72] EBENBICHLER, Christine, DE
[72] ACHHAMMER, Gunthar, DE
[72] MARKAU, Ursula, DE
[72] ANKENBAUER, Waltraud, DE
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[43] 1999-06-02
[30] EP (97 121 151.1) 1997-12-02

[21] **2,252,970**
[13] A1

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[54] PROCEDE POUR
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GENETIQUE DANS LES CELLULES

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[71] BOEHRINGER MANNHEIM GMBH,
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[21] **2,252,971**
[13] A1

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[30] US (08/984,550) 1997-12-03

[21] **2,252,974**
[13] A1

[51] Int.Cl. 6H04M 3/54 6H04Q 7/26
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[25] EN
[54] METHOD FOR SETTING UP A
TELECOMMUNICATION LINK TO
PERSONS IN CLOSED FACILITIES,
SUCH AS PASSENGER TRANSPORT
MEANS, AS WELL AS A
TELECOMMUNICATION SYSTEM
AND NETWORK

[54] METHODE POUR
L'ETABLISSEMENT DE LIENS DE
TELECOMMUNICATION DANS DES
ENDROITS ISOLEES, TELS QUE DANS
UN MOYEN DE TRANSPORT, AINSI
QU'UN SYSTEME DE
TELECOMMUNICATIONS ET RESEAU
A CETTE FIN
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[71] ALCATEL, FR
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[13] A1

[51] Int.Cl. 6A61B 17/32 6A61F 7/00
[25] EN

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[54] METHODE ET DISPOSITIF
SERVANT LA CRYO-
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TRANSMYOCARDIQUE

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[72] OFER, Glinka, IL
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[43] 1999-06-02
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[13] A1

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[13] A1

[51] **Int.Cl. 6C12N 15/52 6C12N 9/00 6A61K 39/012 6C12N 1/11 6C12N 1/36 6C07K 16/40**
[25] EN
[54] **DNA ENCODING NEOSPORA DIHYDROFOLATE REDUCTASE-THYMIDYLATE SYNTHASE**
[54] **ADN CODANT POUR LA DIHYDROFOLATE REDUCTASE-THYMIDYLATE SYNTHETASE DE NEOSPORA**
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[72] DURTSCHI, Becky Ann, US
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[71] PFIZER PRODUCTS INC., US
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[30] US (60/095,213) 1998-08-03

[21] **2,253,021**
[13] A1

[51] **Int.Cl. 6C12N 15/53 6C12P 41/00 6C12N 9/02 6C12P 13/04**
[25] EN
[54] **NEW MUTANTS OF FORMATE DEHYDROGENASE FROM CANDIDA BOIDINII, NEW GENE SEQUENCES ENCODING THESE AND USE OF THE NEW FORMATE DEHYDROGENASES**
[54] **NOUVEAUX MUTANTS DE DESHYDROGENASES A FORMIATE PROVENANT DU CANDIDA BOIDINII, NOUVELLES SEQUENCES DE GENES CODANT CEUX-CI ET UTILISATION DES NOUVELLES DESHYDROGENASES FORMIATE**
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[72] POHL, Martina, DE
[72] KULA, Maria-Regina, DE
[71] DEGUSSA AKTIENGESELLSCHAFT, DE
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[13] A1

[51] **Int.Cl. 6C12N 9/02 6C12P 7/60**
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[72] HOSHINO, Tatsuo, JP
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[72] SUGISAWA, Teruhide, JP
[71] F. HOFFMANN-LA ROCHE AG, CH
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[13] A1

[51] **Int.Cl. 6B60C 9/06**
[25] EN
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[54] **PNEU DONT LE REBORD DOUBLE DE LA CEINTURE EST RENFORCE**
[72] NGUYEN, Gia Van, BE
[72] CLOSE, Roland, BE
[72] DEPOUHON, Francois, BE
[72] TERVER, Roland, BE
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
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[30] US (08/984,529) 1997-12-03

[21] **2,253,108**
[13] A1

[51] **Int.Cl. 6G01N 1/00**
[25] EN
[54] **REAGENT PACKAGE**
[54] **TROUSSE DE REACTIF**
[72] ROBINSON, Chris, US
[72] JAMESON, William M., US
[72] LASKEY, James R., US
[72] BRADSHAW, Randolph, US
[72] OAKES, Andrew, US
[72] BERGER, Robert L., US
[72] DUMITRESCU, Nicolae, US
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[13] A1

[51] **Int.Cl. 6H04L 5/00 6H04Q 7/36 6H04Q 7/38 6H04L 12/56**
[25] EN
[54] **DYNAMIC RESOURCE ALLOCATION METHOD AND APPARATUS FOR BROADBAND SERVICES IN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **METHODE ET APPAREIL D'ATTRIBUTION DYNAMIQUE DES RESSOURCES DE SERVICES LARGE BANDE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SRIVASTAVA, Arty, US
[72] LEUNG, Kin K., US
[71] AT&T CORP., US
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[43] 1999-06-02
[30] US (08/982,510) 1997-12-02

[21] **2,253,180**
[13] A1

[51] **Int.Cl. 6B41J 35/32 6B41J 32/00 6B41J 29/12 6B41J 29/38**
[25] EN
[54] **PRINTER WITH SEALABLE HOUSING AND ADJUSTABLE BACK-UP PLATE AND METHOD THEREFOR**
[54] **IMPRIMANTE AVEC BOITIER FERMABLE ET PLAQUE D'APPUI REGLABLE, AINSI QUE METHODE CONNEXE**
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[71] ILLINOIS TOOL WORKS INC., US
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[43] 1999-06-03
[30] US (08/984,461) 1997-12-03

[21] **2,253,633**
[13] A1

[51] **Int.Cl. 6C07K 16/40 6C07K 16/38 6C07K 16/46 6G01N 33/554 6G01N 33/573 6G01N 33/574**
[25] EN
[54] **COMPLEX SPECIFIC ANTIBODIES, METHOD OF PREPARATION AND USES THEREOF**
[54] **ANTICORPS COMPLEXES PARTICULIERS, METHODE DE PREPARATION ET UTILISATIONS**
[72] WINTER, Gregory P., GB
[72] MAHONEY, Walter C., US
[72] SAWYER, Jaymie R., US
[71] BOEHRINGER MANNHEIM CORPORATION, US
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[43] 1999-06-03
[30] US (60/067,428) 1997-12-03

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[13] A1
[51] Int.Cl. 6C07D 487/04 6A61K 7/13
[25] FR
[54] COMPOSITIONS DE TEINTURE
DES FIBRES KERATINIQUES
CONTENANT DES 3-AMINO
PYRAZOLO--1,5-A|-PYRIMIDINES,
PROCEDE DE TEINTURE,
NOUVELLES 3-AMINO PYRAZOLO-
-1,5-A|-PYRIMIDINES ET LEUR
PROCEDE DE PREPARATION
[54] KERATIN FIBRE DYE
COMPOSITIONS, CONTAINING 3-
AMINO PYRAZOLO-51,5-A|-
PYRIMIDINES, DYEING TECHNIQUE,
NEW 3-AMINO PYRAZOLO-51,5-A|-
PYRIMIDINES AND THEIR METHOD
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[22] 1998-12-02
[43] 1999-06-03
[30] FR (97 15 244) 1997-12-03

[21] 2,253,680
[13] A1
[51] Int.Cl. 6A61K 7/13
[25] FR
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DIRECTE EN DEUX ETAPES DES
FIBRES KERATINIQUES METTANT EN
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BASIQES
[54] DIRECT DYEING PROCESS FOR
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OU DERIVATION
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[71] LEGRAND SNC, FR
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[72] LERICHE, Albert, FR
[72] DUPERRAY, Gérard, FR
[71] ALCATEL, FR
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[54] COMPOSITION COSMETIQUE OU
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UN POLYMERE FILMOGENE EN
DISPERSION ET UNE EMULSION
AQUEUSE DE SILICONE
[54] COSMETIC OR SKIN CARE
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[72] BARA, Isabelle, FR
[72] MELLUL, Myriam, FR
[71] L'ORÉAL, FR
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[72] BERNDL, Gunther, DE
[72] ERNST, Andreas, DE
[72] SANNER, Axel, XX
[71] KOTHRADÉ, Stephan, DE
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[72] BUCHANAN, Karl H., US
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[25] EN
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AND A METHOD OF USING THE SAME
[54] COMPOSITIONS DE
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[72] GREEN, Marvin L., US
[72] REHFUSS, John W., US
[72] MILLER, Bertrum, US
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[72] SANNER, Axel, XX
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[54] **CORPS POUR PRISE DE COURANT OU FICHE**
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[71] ALCATEL, FR
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[72] LAMBERTI, Thomas, DE
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE
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[72] FATEHI, Mohammad Taghi, US
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[54] **USE OF HYDROTALCITE-STRUCTURE COMPOUNDS IN THE PREPARATION OF UNSATURATED CARBONYL-.BETA.-HYDROXY AND/OR .ALPHA.-.BETA. COMPOUNDS**
[72] TEISSIER, Rémy, FR
[72] TICHIT, Didier, FR
[71] ELF ATOCHEM S.A., FR
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[72] LECOMTE, Patrice, FR
[72] QUEYREL, Jacques, FR
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR
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[54] **COMMUTATEUR DE DEFLEXION OPTIQUE**
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[72] IYER, Rajiv, CA
[72] TEITELBAUM, Neil, CA
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[72] NOBLE, Randall B., US
[71] KARSTEN MANUFACTURING CORPORATION, US
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[54] **MECHE DE FORET A ROULEMENT ETANCHE, MUNIE DE DEUX JOINTS D'ETANCHEITE ET D'UN SYSTEME DE NETTOYAGE PAR FLUIDE**
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[72] SLAUGHTER, Robert H., Jr., US
[72] DIDERICKSEN, Roger, US
[71] SMITH INTERNATIONAL, INC., US
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[72] FURUKAWA, Hisao, JP
[71] MIYAGUCHI RESEARCH CO., LTD., JP
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[54] **ENSEMBLE DE CATHETER ET CANULE INTERNE**
[72] PAGAN, Eric, GB
[71] SMITHS INDUSTRIES PUBLIC LIMITED COMPANY, GB
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[54] **ENSEMBLE DE MASQUE LARYNGIEN**
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[54] **ENSEMBLE DE BLINDAGE INFERIEUR POUR CONVOYEUR MODULAIRE**
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[72] CRAFT, Melissa L., US
[71] SPAN TECH CORPORATION, US
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[54] **TREPAN A PALIER ETANCHE AVEC CONFIGURATION A DOUBLE SCEAU**
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[72] SLAUGHTER, Robert H., Jr., US
[72] PORTWOOD, Gary Ray, US
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[54] **BLOCS DE ROULEAUX A MONTAGE FACILE POUR CONVOYEUR**
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[54] **BATON DE GOLF AVEC TETE EN TITANE ET COL EN PLASTIQUE**
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[72] NOBLE, Randall B., US
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[72] ARNOUX, Stéphane, FR
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[54] **SYSTEME DE CALANDRAGE MUNI DE PEIGNES RIGIDES ET MOUS**
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[72] PARKER, Steven Herman, US
[72] STAMPFL, Sharon Rae, US
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[54] **HEMMING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE RABATTAGE**
[72] HARTLEY, William R., US
[71] UNOVA IP CORP., US
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[54] **METHODE ET DISPOSITIF PERMETTANT LA CONVERSION DE CHALEUR EN TRAVAIL**
[72] WECLAS, Miroslaw, DE
[72] DURST, Franz, DE
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[72] HUANG, Bao-Guo, US
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[54] **FICHE DE GAMME**
[72] VARATTA, Thomas Robert, US
[72] BLANCHE, Stephen Arthur, US
[71] ETCO INCORPORATED, US
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[72] YAMAMOTO, Takashi, JP
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[72] KUHN, Stephen R., US
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[51] **Int.Cl. 6B01J 20/18 6B01D 53/047**
[25] FR
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[54] **PSA PROCESS UTILIZING AN ADSORBANT WITH HETEROGENEOUS CAPACITY AND/OR SELECTIVITY**
[72] MONTFORT, Christophe, FR
[72] LABASQUE, Jacques, FR
[72] ROUGE, Dominique, FR
[72] MOREAU, Serge, FR
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR
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[54] **METHOD AND SYSTEM FOR OPERATING AN INTERNAL COMBUSTION ENGINE HAVING VARIABLE VALVE TIMING**
[54] **METHODE ET SYSTEME DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE AVEC CALAGE DE DISTRIBUTION VARIABLE**
[72] KOLMANOVSKY, Ilya, US
[72] STEFANOPOULOU, Anna, US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
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[51] **Int.Cl. 6F01N 3/24**
[25] EN
[54] **EXHAUST TREATMENT DEVICE FOR AUTOMOTIVE VEHICLE HAVING ONE-PIECE HOUSING WITH INTEGRAL INLET AND OUTLET GAS SHIELD DIFFUSERS**
[54] **DISPOSITIF DE TRAITEMENT DE GAZ D'ÉCHAPPEMENT POUR AUTOMOBILE MUNIE D'UN BOITIER MONOPIECE AYANT DES DIFFUSEURS PARE-GAZ INTEGRES A L'ENTREE ET A LA SORTIE**
[72] ALBRECHT, Michael, US
[72] UMIN, Edward, US
[72] UMIN, Gerald, US
[72] MORROW, Timothy, US
[72] NOWKA, Erich, US
[72] HAROLD, Vincent, US
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[54] **COMPOSITION ET ARTICLE POSSEDANT UNE COMPRESSION REMANENTE AMELIOREE**
[72] KNORS, Christopher J., US
[72] MONAHAN, Lawrence A., US
[71] BECTON, DICKINSON AND COMPANY, US
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[43] 1999-06-05
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[25] EN
[54] **TELEPHONE DESIGN FOR MASS CUSTOMIZATION**
[54] **SYSTEME TELEPHONIQUE POUR L'ADAPTATION DE MASSE**
[72] WESTFALL, Alan Patrick, CA
[71] NORTHERN TELECOM LIMITED, CA
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[30] US (08/980,763) 1997-12-01

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[13] A1
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[25] EN
[54] **JOINT QUANTIZATION OF SPEECH PARAMETERS**
[54] **QUANTIFICATION COMBINEE DES PARAMETRES DE LA PAROLE**
[72] HARDWICK, John Clark, US
[71] DIGITAL VOICE SYSTEMS, INC., US
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[30] US (08/985,262) 1997-12-04

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[51] **Int.Cl. 6B65D 50/04**
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[51] **Int.Cl. 6H04B 1/69 6H04Q 7/30 6H04Q 7/32**
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[54] **APPAREIL ET METHODE DE COMMUNICATION RADIO**
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[54] **FILTRE LUMINEUX CHIMIQUE**
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[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING CONTINUOUS LAMINATED WOOD STOCK FOR WOODEN PALLETES**
[54] **METHODE ET SYSTEME DE FABRICATION DE PIECES DE BOIS LAMELLES EN CONTINU POUR PALETTES**
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[71] G-W MANUFACTURING CO., INC., US
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[51] **Int.Cl. 6E02D 31/10 6E01F 5/00 6E02D 29/02**
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[25] EN
[54] **SELF CROSSLINKABLE POLYURETHANE-POLYACRYLATE HYBRID DISPERSIONS**
[54] **DISPERSIONS D'HYBRIDE DE POLYURETHANE ET DE POLYACRYLATE AUTORETICULABLE**
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[72] IRLE, Christoph, DE
[72] BLUM, Harald, DE
[72] ROSCHU, Rolf, DE
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[54] **METHOD OF FORMING METAL MATRIX FIBER COMPOSITES**
[54] **METHODE DE FORMATION DE COMPOSITES A MATRICE METALLIQUE**
[72] CUSHNIE, Kirt Kenneth, CA
[72] WARNER, Anthony Edward Moline, CA
[72] BELL, James Alexander Evert, CA
[72] HANSEN, George Clayton, US
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[13] A1

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[54] **METHOD OF PREPARING POROUS NICKEL-ALUMINUM STRUCTURES**
[54] **METHODE DE PREPARATION DE STRUCTURES POREUSES DE NICKEL-ALUMINIUM**
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[72] BELL, James Alexander Evert, CA
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[13] A1

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[25] EN
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[54] **AZOTE CONTENANT DES AMELIORANTS DE DISPERSION DE LA VISCOSITE**
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[72] ADAMS, Paul E., US
[72] LANGE, Richard M., US
[72] SIVIK, Matthew R., US
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[25] EN
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[54] **PHOSPHONATES A BASE D'ALCOOL POLYETHOXYLE POUR LUBRIFIANTS POUR LE TRAVAIL DES METAUX**
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[51] **Int.Cl. 6E21B 47/06**
[25] EN
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[54] **OUTIL POUR PUIT SENSIBLE A LA PRESSION AVEC POSITIONS DE PRESSION PAR ETAGE INTERMEDIAIRES**
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[51] **Int.Cl. 6B29C 49/04 6B29C 49/30**
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[54] **METHOD FOR FORMING HOLLOW ARTICLE AND APPARATUS FOR THE SAME**
[54] **METHODE ET APPAREIL DE REALISATION DE CORPS CREUX**
[72] KAGITANI, Toshio, JP
[72] ABE, Shouji, JP
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[51] **Int.Cl. 6C08L 101/12 6C08K 5/14 6H01B 3/30**
[25] EN
[54] **CABLE SEMICONDUCTING SHIELD**
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[72] REID, Charles Griffith, US
[72] DU, Luke Chi-Chung, US
[72] PANG, Kawai Peter, US
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[54] **APPARATUS FOR STRAPPING PACKAGES**
[54] **CERCLEUSE DE PAQUETS**
[72] HUBER, Hans, CH
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[43] 1999-06-01
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[51] **Int.Cl. 6F25J 3/04**
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[54] **SYSTEME CRYOGENIQUE DE RECTIFICATION AVEC DEFLEGMATEUR POUR LA PRODUCTION D'OXYGENE MOINS PUR**
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[71] PRAXAIR TECHNOLOGY, INC., US
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[51] **Int.Cl. 6C08F 8/00 6C08F 291/00 6C08L 9/00 6C08L 53/00 6C10L 1/22 6C10M 119/24 6C08L 23/26 6C08F 8/30 6C08F 8/34 6C08F 8/46**
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[54] **AZOTE CONTENANT DES AMELIORANTS DE DISPERSION DE LA VISCOSITE**
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[51] **Int.Cl. 6C12N 9/96 6C12Q 1/37 6C12N 9/64 6C12N 9/76**
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[72] ENGH, Richard, DE
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[72] BODE, Wolfram, DE
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[51] **Int.Cl. 6C23C 14/52 6C23C 14/35**
[25] EN
[54] **SPUTTERING METHOD AND APPARATUS WITH OPTICAL MONITORING**
[54] **METHODE ET APPAREIL DE PULVERISATION SOUS CONTROLE OPTIQUE**
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[51] **Int.Cl. 6B29C 45/14 6B29C 45/64**
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[54] **A METHOD OF MANUFACTURING A PERIPHERALLY ENCAPSULATING UNIT**
[54] **METHODE DE FABRICATION D'UNE UNITE D'ENCAPSULATION PERIPHERIQUE**
[72] BIENICK, Craig, US
[72] WOLTERS, Greg, US
[72] REAMES, Gary, US
[72] KAPER, Lloyd, US
[72] DALEY, Howard, US
[72] BIRD, Kevin, US
[72] HERRMANN, Bob, US
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[25] EN
[54] **POLYOLEFIN MATERIALS HAVING ENHANCED SURFACE DURABILITY AND METHODS OF MAKING THE SAME BY EXPOSURE TO RADIATION**
[54] **MATIERES DE POLYOLEFINE DONT LA DURABILITE DE LA SURFACE EST AMELIOREE ET METHODES DE PRODUCTION DE CES SURFACES PAR IRRADIATION**
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[72] SRINIVASAN, Satchit, US
[72] PERRON, Peter James, US
[72] HORSEY, Douglas Wayne, US
[72] PUGLISI, Joseph Steven, US
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[54] **REINFORCED SOLDER JOINTS FOR PRINTED CIRCUIT BOARDS**
[54] **JOINTS DE SOURDURE RENFORCES POUR CARTES IMPRIMEES**
[72] LUI, Dangrong R., US
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[54] **A SUPPLY MEANS FOR APPLYING MAGNETICALLY ATTRACTIVE DEVELOPING POWDER**
[54] **DISPOSITIF FOURNISSANT DE LA POUDRE DEVELOPPATRICE MAGNETIQUEMENT**
[72] BAKKER, Robert Eric, NL
[71] OCÉ-TECHNOLOGIES B.V., NL
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[25] EN
[54] **FLEXIBLE, MULTI-LAYER FILM HAVING ELEVATED STIFFNESS, DIMENSIONAL STABILITY AND FLEX CRACK RESISTANCE**
[54] **PELLICULE SOUPLE A PLUSIEURS COUCHES, AYANT UNE RIGIDITE ELEVEE, UNE STABILITE DIMENSIONNELLE ET UNE RESISTANCE AUX CRAQUELURES PAR FLEXION**
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[72] BRANDT, Rainer, DE
[72] SPERLICH, Bernd, DE
[71] WOLFF WALSRODE AG, DE
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[54] **RECHAUFFEMENT D'UN ROULEMENT**
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[54] **METHOD OF TREATING EYE INFECTIONS WITH AZITHROMYCIN**
[54] **METHODE DE TRAITEMENT D'INFECTIONS OCULAIRES AU MOYEN D'AZITHROMYCINE**
[72] AHMED, Imran, US
[71] PFIZER PRODUCTS INC., US
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[13] A1

[51] **Int.Cl. 6G03F 7/038**
[25] EN
[54] **PHOTOIMAGEABLE COMPOSITIONS CONTAINING PHOTOPOLYMERIZABLE URETHANE OLIGOMERS AND LOW TG BINDER POLYMERS**
[54] **COMPOSITIONS PHOTOIMAGEABLES CONTENANT DES OLIGOMERES D'URETHANE PHOTOPOLYMERISABLES ET DES POLYMERES TG FAIBLES**
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[71] NICHIGO MORTON CO., LTD., JP
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[13] A1

[51] **Int.Cl. 6A61M 5/31 6A61L 29/00 6A61L 31/00**
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[54] **MEDICAL ARTICLE OF IMPROVED STERILIZABILITY**
[54] **ARTICLE MEDICAL PERMETTANT UNE STERILISATION AMELIOREE**
[72] KNORS, Christopher John, US
[72] WILLIAMS, Joel L., US
[72] HWANG, Chorng-Fure Robin, US
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[54] **PRODUITS DE PATE AVEC PROTEINES A DOMAINES D'AROMES DISCRETS**
[72] AMUNDSON, Curtis Miles, US
[72] SCHULZ, Rick Lee, US
[72] GOLL, Steven Jeffrey, US
[71] KRAFT FOODS, INC., US
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[21] **2,254,704**
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[51] Int.Cl. 6F04B 47/00 6E21B 43/16
[25] EN
[54] **METHOD AND APPARATUS FOR PUMPING FLUIDS FROM A WELL**
[54] **METHODE ET APPAREIL POUR LE POMPAGE DES LIQUIDES HORS D'UN PUIT**
[72] BREIT, Stephen M., US
[71] CAMCO INTERNATIONAL INC., US
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[13] A1
[51] Int.Cl. 6G10L 3/02 6H04M 3/00 6H04L 29/02
[25] EN
[54] **SPEECH RECEPTION VIA A PACKET TRANSMISSION FACILITY**
[54] **RECEPTION DE LA PAROLE PAR L'INTERMEDIAIRE D'UNE INSTALLATION DE TRANSMISSION DE PAQUETS**
[72] WARD, David Philip, CA
[72] CHEUNG, Cuthbert, CA
[72] MARSHALL, John, CA
[71] NORTHERN TELECOM LIMITED, CA
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[51] Int.Cl. 6G08B 3/10 6G08B 17/00
[25] EN
[54] **INTELLIGENT SPEAKER CONTROLLER FOR A FIRE ALARM SYSTEM**
[54] **CONTROLEUR DE HAUT-PARLEUR «INTELLIGENT» POUR SYSTEME AVERTISSEUR D'INCENDIE**
[72] DETLOR, Bradley Charles, CA
[72] LI, Richard Qi, CA
[71] FORWARD SAFETY SYSTEMS INC., CA
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[51] Int.Cl. 6C08C 1/15 6C08J 5/02 6B29C 41/14
[25] EN
[54] **MANUFACTURE OF RUBBER ARTICLES**
[54] **FABRICATION D'ARTICLES DE CAOUTCHOUC**
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[72] GROMELSKI, Stanley J., US
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[71] ANSELL HEALTHCARE PRODUCTS INC., US
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[51] Int.Cl. 6D05C 9/00 6D05C 9/04
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[54] **APPAREIL DE CERCLAGE TUBULAIRE**
[72] MACK, Charles H., US
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[13] A1
[51] Int.Cl. 6H04L 1/24 6H04L 12/52
[25] EN
[54] **INTERACTIVE CONTEXTUAL-BASED ASSISTANCE FOR PORTABLE ISDN TEST SET**
[54] **AIDE CONTEXTUELLE INTERACTIVE POUR APPAREIL DE DEPANNAGE PORTATIF DU RNIS**
[72] SOTO, Roy L., US
[72] HATHORN, Linda, US
[72] KATZ, Paul H., US
[71] SOTO, Roy L., US
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[21] **2,254,729**
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[51] Int.Cl. 6B60G 17/04 6B66F 9/075 6B60G 11/26
[25] EN
[54] **AXLE PIVOT CONTROL METHOD AND APPARATUS FOR INDUSTRIAL VEHICLE**
[54] **METHODE ET APPAREIL DE CONTROLE DE PIVOTS D'ESSIEUX DE VEHICULES INDUSTRIELS**
[72] SUZUKI, Masakatsu, JP
[72] OGAWA, Takaki, JP
[72] ISHIKAWA, Kazuo, JP
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP
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[21] **2,254,732**
[13] A1
[51] Int.Cl. 6H04L 12/52
[25] EN
[54] **USER SELECTABLE OVERLAP AND ENBIOC DIALING OF ISDN LINE**
[54] **SIMULTANEITE CHOISIE PAR L'UTILISATEUR ET COMPOSITION ENBIOC D'UNE LIGNE RNIS**
[72] KENNEDY, Michael, US
[72] KATZ, Paul H., US
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[13] A1

[51] **Int.Cl. 6H04L 1/24 6H04M 3/38 6H04L 12/52**
[25] EN
[54] **CALL YOURSELF BERT TESTING OF ISDN LINE**
[54] **MESURE PAR AUTO-APPEL DU TAUX D'ERREURS SUR LES BITS (BERT) D'UNE LIGNE RNIS**
[72] KENNEDY, Michael, US
[72] SOTO, Roy L., US
[72] KATZ, Paul H., US
[71] KENNEDY, Michael, US
[71] SOTO, Roy L., US
[71] KATZ, Paul H., US
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[43] 1999-06-03
[30] US (08/984,230) 1997-12-03

[21] **2,254,738**
[13] A1

[51] **Int.Cl. 6F17C 13/00**
[25] EN
[54] **PRESSURE BUILDING DEVICE FOR A CRYOGENIC TANK**
[54] **DISPOSITIF DE MISE EN PRESSION POUR RESERVOIR CRYOGENIQUE**
[72] PRESTON, Audrey Duane, US
[72] ISEBRAND, Scott Darrell, US
[72] WEILER, James M., US
[72] ERICKSON, Ryan A., US
[71] MVE, INC., US
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[43] 1999-06-04
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[13] A1

[51] **Int.Cl. 6H04L 1/24 6H04L 12/52**
[25] EN
[54] **AUTOMATED MASTER-SLAVE CONNECTIVITY DRY LOOP ISDN LINE**
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[72] DIPPERSTEIN, Michael, US
[72] KATZ, Paul H., US
[72] SOTO, Roy L., US
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[72] PORTWOOD, Gary Ray, US
[71] SMITH INTERNATIONAL, INC., US
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[25] EN
[54] **TESTING OF ISDN LINE VIA AUXILIARY CHANNEL SIGNALING**
[54] **MISE A L'ESSAI DE LIGNES RNIS AU MOYEN D'UNE SIGNALISATION VOIE AUXILIAIRE**
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[71] CAMCO INTERNATIONAL INC., US
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[51] **Int.Cl. 6G06F 7/48 6G06F 7/49**
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[54] **UNITE ARITHMETIQUE ET UNITE DE TRAITEMENT DE DONNEES**
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[72] MATSUO, Masatoshi, JP
[72] KUROHIMARU, Shunichi, JP
[72] OHASHI, Masahiro, JP
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[13] A1

[51] **Int.Cl. 6H01Q 21/22 6H01Q 21/00**
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[54] **APPAREIL D'ANTENNE RESEAU A COMMANDE DE PHASE DE GUIDE D'ONDE**
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[71] NEC CORPORATION, JP
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PLASTICIZERS
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[72] BARR, Robert, US
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[71] NORTHERN TELECOM LIMITED,
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[72] FAGG, Stephen Leonard, GB
[72] MAUGER, Roy Harold, GB
[72] HAYBALL, Clive Colin, GB
[72] WRIGHT, Sarah Lucy, GB
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[25] EN
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[13] A1

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[25] EN
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[54] COLLIER DE SERRAGE
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[54] MODULE DE SUPPORT DE
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[72] MCCRAW, Kevin Noel, US
[72] WHITSON, Darryl Wayne, US
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[13] A1

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[72] FUJISE, Nobuaki, JP
[72] SATO, Yasushi, JP
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[25] EN
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[54] **DETECTEUR DE L'ORDRE D'ALLUMAGE DE SYSTEMES DE CHAUDIERES ET METHODES CONNEXES DE PROTECTION DE CES SYSTEMES**
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[71] RHEEM MANUFACTURING COMPANY, US
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[13] A1

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[72] KOBAYASHI, Masayuki, JP
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[21] **2,255,013**
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[54] **CONTAINER**
[54] **CONTENEUR**
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[71] MCKECHNIE UK LIMITED, GB
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[54] **CHASSIS DE WAGON COUVERT ISOTHERME EN MATERIAU COMPOSITE**
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[72] THOMAN, Mell R., US
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[54] **MACHINE DE RINCAGE AVEC RESERVOIR DE SEPARATION LIQUIDE/AIR**
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[72] BRASS, Jack, CA
[71] BRASSCORP LTD., CA
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[54] **VALVE ASSEMBLY USING PRESSURIZED MEDIUM FOR CONTROLLING OPERATING CONDITIONS OF A TWO-STROKE ENGINE**
[54] **ENSEMBLE DE SOUPAPES UTILISANT UN FLUIDE SOUS PRESSION POUR CONTROLER LES CONDITIONS DE FONCTIONNEMENT D'UN MOTEUR ~ DEUX TEMPS**
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[71] BOMBARDIER INC., CA
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[13] A1

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[54] **RECUPERATION DU SABLE DE FONDERIE AU MOYEN D'UN SYSTEME D'ECOULEMENT PAR GRAVITE**
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[72] MARTIN, Richard L., CA
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[54] **PROCESSUS DE FABRICATION DE BOUCHONS**
[72] HWANG, Chong-Fure Robin, US
[72] MARTIN, Frank E., US
[72] SULLIVAN, Tim M., US
[72] WILLIAMS, Joel L., US
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[25] EN
[54] **LIQUID EJECTING HEAD, HEAD CARTRIDGE AND LIQUID EJECTING APPARATUS**
[54] **TETE D'EJECTION DE LIQUIDE, CARTOUCHE DE T-TE ET APPAREIL D'EJECTION DE LIQUIDE**
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[72] IMANAKA, Yoshiyuki, JP
[72] OGAWA, Masahiko, JP
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[13] A1

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[25] EN
[54] **SUSTAINABLE WALL CONSTRUCTION AND EXTERIOR INSULATION RETROFIT TECHNOLOGY PROCESS AND STRUCTURE**
[54] **PROCEDE TECHNOLOGIQUE ET STRUCTURE DURABLE POUR LA CONSTRUCTION DE MURS ET L'AMELIORATION THERMIQUE AVEC DE L'ISOLANT EXTERIEUR**
[72] VOHRA, Arun, US
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[54] **PROCESS AND APPARATUS FOR HANDLING, IN PARTICULAR, SOFT FILM PACKS**
[54] **PROCESSUS ET APPAREIL POUR LA MANUTENTION, NOTAMMENT DES PAQUETS DE FILMS MOUS**
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[72] MUTSCHALL, Hugo, DE
[72] WOLTER, Frank, DE
[71] FOCKE & CO. (GMBH & CO.), DE
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[13] A1

[51] **Int.Cl. 6B60S 9/02 6E02F 9/08 6B66C 23/78**
[25] EN
[54] **OBSTACLE AVOIDANCE AND CRUSHING PROTECTION SYSTEM FOR OUTRIGGERS OF A CHASSIS**
[54] **SYSTEME D'EVITEMENT D'OBSTACLES ET DE PROTECTION CONTRE L'ECRASEMENT POUR STABILISATEURS DE CHASSIS**
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[72] EYLER, Francis R., US
[72] ECKSTINE, Dennis W., US
[72] FLEAGLE, Jon E., US
[72] BANKS, Bill W., US
[71] GROVE U.S. L.L.C., US
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[43] 1999-06-05
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[21] **2,255,095**
[13] A1

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[54] **PELLICULES POUR BOYAUX D'ALIMENTS FUMES**
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[72] MARUOKA, Toshiaki, JP
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[13] A1

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[54] **GLUCOSIDE DE RIBOFLAVINE**
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[54] **INSTALLATION POUR SEPARER ET PURIFIER DES MATIERES SOLIDES**
[72] ROODENRIJS, Jacobus Petrus, NL
[71] NIRO PROCESS TECHNOLOGY B.V., NL
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[13] A1

[51] **Int.Cl. 6H01H 71/70**
[25] EN
[54] **MOTOR OPERATOR WITH BURN-OUT PROTECTION**
[54] **OPERATEUR DE MOTEUR AVEC DISPOSITIF DE PROTECTION CONTRE LE GRILLAGE .**
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[72] PUHALLA, Craig Joseph, US
[71] EATON CORPORATION, US
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[13] A1

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[25] EN
[54] **LUFFING ANGLE MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE D'ANGLE DE RELEVAGE**
[72] BANKS, Bill W., US
[72] ECKSTINE, Dennis W., US
[72] EYLER, Francis R., US
[72] BONESTEEL, Oliver P., US
[72] FLEAGLE, Jon E., US
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[30] US (60/069,055) 1997-12-10

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[13] A1

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[25] EN
[54] **CONTROLLED THERMAL OXIDATION PROCESS FOR SOLID WASTES**
[54] **PROCESSUS DE THERMOXYDATION CONTROLEE POUR DECHETS SOLIDES**
[72] CASACIA, Lucy, CA
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[72] SHERMAN, Frank, CA
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[21] **2,255,111**
[13] A1

[51] **Int.Cl. 6B66F 11/04 6B60T 7/12 6B60T 17/18**
[25] EN
[54] **AERIAL WORK PLATFORM WITH POTHOLE AND/OR OBSTACLE DETECTION AND AVOIDANCE SYSTEM**
[54] **PLATE-FORME ELEVATRICE AVEC SYSTEME DE DETECTION ET D'EVITEMENT DE NID-DE-POULE ET/OU D'OBSTACLES**
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[54] **BAGUE D'ETANCHEITE TRANSPARENTE AVEC JOINT CENTRIFUGE**
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[71] SANFORD ACQUISITION COMPANY, US
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[25] EN
[54] **INDUCTION HEATING TYPE GALVANIZED STEEL SHEET ALLOYING SYSTEM, HIGH FREQUENCY HEATING APPARATUS, IMPEDANCE MATCHING APPARATUS AND IMPEDANCE TRANSFORMING METHOD**
[54] **SYSTEME D'ALLIAGE DE TOLE D'ACIER GALVANISE DE TYPE A CHAUFFAGE PAR INDUCTION, APPAREIL DE CHAUFFAGE HAUTE FREQUENCE, APPAREIL D'ADAPTATION D'IMPEDANCE ET METHODE DE TRANSFORMATION D'IMPEDANCE**
[72] LEE, Jae-Young, JP
[72] ASAHARA, Yuuji, JP
[72] TURUSAKI, Kazuya, JP
[72] HIRAI, Etsurou, JP
[72] WADA, Kouzou, JP
[72] HAN, Kwang-Hum, KR
[72] HAN, Kwang-Hee, JP
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[51] **Int.Cl. 6C21D 1/42 6C23C 2/06 6G01K 7/16 6C23C 2/28**
[25] EN
[54] **ALLOYING SYSTEM AND HEATING CONTROL DEVICE FOR HIGH GRADE GALVANIZED STEEL SHEET**
[54] **SYSTEME D'ALLIAGE ET DISPOSITIF DE COMMANDE DE CHAUFFAGE POUR TOLE D'ACIER GALVANISE A HAUTE TENEUR**
[72] HAN, Kwang-Hee, JP
[72] HIRAI, Etsurou, JP
[72] WADA, Kozo, JP
[72] LEE, Jae-Young, JP
[72] CHO, Noi-Ha, JP
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[72] SHIM, Jang-Sub, JP
[72] CHUN, Si-Youl, KR
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[54] **MOTEUR ELECTRIQUE SUBMERSIBLE PROTEGE CONTRE LA CORROSION INTERNE**
[72] BRUEWER, Timothy B., US
[71] CAMCO INTERNATIONAL INC., US
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[54] **POSITIVE WORKING PEEL-DEVELOPABLE COLOR PROOFING SYSTEM**
[54] **SYSTEME A COUCHE PELABLE POUR LE DEVELOPPEMENT D'EPREUVES COULEURS POSITIVES**
[72] WILCZAK, Wojciech A., US
[72] KOENIGKRAMER, Rusty, US
[71] BAYER CORPORATION, US
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[51] **Int.Cl. 6C08L 27/06**
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[54] **VINYL CHLORIDE RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE**
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[72] JANSSEN, Karin, BE
[72] MIKI, Yasuhiro, JP
[72] KADOKURA, Mamoru, BE
[72] NAKANISHI, Yasushi, JP
[71] KANEKA BELGIUM N.V., BE
[71] KANEKA CORPORATION, JP
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[25] EN
[54] **ADAPTIVE FOCAL PLANE FOR HIGH CONTRAST IMAGING**
[54] **PLAN FOCAL ADAPTATIF POUR IMAGERIE A CONTRASTE ELEVE**
[72] LIVINGSTON, Peter M., US
[71] TRW INC., US
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[25] EN
[54] **1,3,8-TRIAZA-SPIRO-4,5]DECAN-4-ON DERIVATIVES**
[54] **DERIVES DU 1,3,8-TRIAZOSPIRO[4,5]DECAN-4-ONE**
[72] ADAM, Geo, DE
[72] CESURA, Andrea, CH
[72] ROVER, Stephan, DE
[72] JENCK, François, FR
[72] GALLEY, Guido, DE
[72] WICHMANN, Jürgen, DE
[71] F. HOFFMAN-LA ROCHE AG, CH
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[13] A1
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[54] **STABILISATION DE POLYAMIDE, DE POLYESTER ET DE POLYACETAL**
[72] SCHMITTER, André, FR
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
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[54] **PROCEDE POUR L'EXTRACTION DES MATIERES VOLATILES**
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[72] SCAROLA, Leonard Sebastian, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
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[51] **Int.Cl. 6B65G 15/60**
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[54] **AIR SUPPORTED FLAT BELT CONVEYOR AND METHOD OF CONVEYING ARTICLES**
[54] **TRANSPORTEUR COURROIE GONFLABLE ET METHODE DE TRANSPORT D'ARTICLES**
[72] MENSCH, William A., US
[71] JERVIS B. WEBB COMPANY, US
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[51] **Int.Cl. 6G06F 3/14 6G06F 3/12**
[25] EN
[54] **METHOD OF GENERATING MULTIPLE MASTER TYPEFACES CONTAINING KANJI CHARACTER**
[54] **METHODE DE GENERATION DE CARACTERES KANJI A PARTIR DE CARACTERES DE BASE MULTIPLES**
[72] VON ZELOWITZ, Jonathan, US
[72] RENNEN, John S., US
[71] ADOBE SYSTEMS INCORPORATED, US
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[54] **N-(4-CARBAMIMIDO-PHENYL)-PHENYLGLYCINAMID DERIVATIVES**
[54] **DERIVES DU N-(4-CARBAMIMIDO-PHENYL)-PHENYLGLYCINAMIDE.**
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[72] WALLBAUM, Sabine, DE
[72] WEBER, Lutz, DE
[72] JI, Yu-Hua, US
[71] F.HOFFMANN-LA ROCHE AG, CH
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[54] **INTEGRATED SYSTEM FOR HEATING, COOLING AND HEAT RECOVERY VENTILATION**
[54] **SYSTEME INTEGRE DE CHAUFFAGE, DE REFROIDISSEMENT ET DE VENTILATION RECUPERATRICE DE CHALEUR**
[72] BAILEY, Louis J., CA
[72] HAAN, Ralph, CA
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[54] **GREETING CARD WITH REUSABLE PORTION**
[54] **CARTE DE SOUHAITS AVEC PARTIE REUTILISABLE**
[72] KOROPATNICK, Andrew Grant, CA
[72] KOROPATNICK, Esther, CA
[71] KOROPATNICK, Andrew Grant, CA
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[54] **ATM SERVICE SCHEDULER USING REVERSE-BINARY SCATTERING AND TIME-SPACE MAPPING**
[54] **SEQUENCEUR DE TRAFIC EN MODE ATM, FAISANT APPEL A L'ECLATEMENT BINAIRE INVERSE ET AU MAPPAGE TEMPS-ESPACE**
[72] MORRIS, Todd D., CA
[72] BESHAI, Maged E., CA
[72] NICHOLS, Stacy W., CA
[71] NORTHERN TELECOM LIMITED, CA
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING BEHAVIOUR PATTERNS OF CONSUMERS AND INFORMATION SEEKERS IN AN OPEN-COMMUNITY PLATFORM**
[54] **APPAREIL ET METHODE POUR DETERMINER LE COMPORTEMENT DE CONSOMMATEURS ET DE CHERCHEURS EN QU TE D'INFORMATION DANS LE CADRE D'UNE COLLECTIVITE OUVERTE**
[72] HALBACH, Wulf R., DE
[72] TIMM, Holger, DE
[72] RICHTER, Bernd, DE
[71] CYBERMIND INTERACTIVE EUROPE MULTI-MEDIA-SERVICE AG, DE
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[72] SHUEY, Kenneth C., US
[71] ABB POWER T&D COMPANY INC., US
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[72] DeLONG, Raymond K., US
[72] HUTCHIN, Richard A., US
[71] TRW INC., US
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[51] **Int.Cl. 6C08L 27/06**
[25] EN
[54] **VINYL CHLORIDE RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE**
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[72] NAKANISHI, Yasushi, JP
[72] KADOKURA, Mamoru, BE
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[54] **ROBINET A DISQUE EN CERAMIQUE REMPLACABLE AMELIORE**
[72] VIEGENER, Francisco Enrique, AR
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[51] **Int.Cl. 6C09C 1/48 6C10G 1/10**
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[54] **METHOD FOR MANUFACTURING CARBON BLACK**
[54] **METHODE DE PRODUCTION DE NOIR DE CARBONE**
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[72] BOVEY, Richard, CH
[72] AFFOLTER, Jean, CH
[71] ALCYON S.A., CH
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[51] **Int.Cl. 6C12P 7/62 6C08G 63/06**
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[54] **METHODE DE PRODUCTION DE BIOMASSE**
[72] MOSKAL, Eugene, CA
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[51] **Int.Cl. 6B60G 17/04 6B60Q 9/00 6B66F 9/075**
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[54] **AXLE PIVOT CONTROL APPARATUS FOR INDUSTRIAL VEHICLES**
[54] **APPAREIL DE COMMANDE D'ARTICULATION D'ESSIEU POUR VEHICULES INDUSTRIELS**
[72] ISHIKAWA, Kazuo, JP
[72] NOGAWA, Kuniharu, JP
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP
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[13] A1
[51] **Int.Cl. 6C02F 3/10**
[25] EN
[54] **WATER DISSOLVABLE BIOREMEDIATION DEVICE AND THE METHOD OF USE**
[54] **DISPOSITIF DE BIODEGRADATION ACCELEREE SOLUBLE A L'EAU ET METHODE D'UTILISATION**
[72] CLINE, Kenneth King, US
[71] INNOVATIVE FORMULATIONS, US
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[54] **METHODE DE TRAITEMENT DE DECHETS OU DE BIOMASSE**
[72] JUNGK, Klaus, NL
[72] LOTENS, Jan Pieter, NL
[72] VAN DER VEEN, Ruurd Andries, NL
[72] HAZEWINKEL, Jacob Hendrik Obbo, NL
[72] VAN DER GIESEN, Abraham Barend, NL
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[54] **TELE-CYLINDRE INTELLIGENT**
[72] BONESTEEL, Oliver P., US
[72] BANKS, Bill W., US
[72] ECKSTINE, Dennis W., US
[72] EYLER, Francis R., US
[72] FLEAGLE, Jon E., US
[71] GROVE U.S. L.L.C., US
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[25] EN
[54] **ANTI-TWO BLOCK DEVICE USING NON-CONTACT MEASURING AND DETECTING DEVICES**
[54] **DISPOSITIF ANTI-RAPPROCHEMENT DE MOUFLES UTILISANT DES APPAREILS DE DETECTION ET DE MESURE SANS CONTACT**
[72] ECKSTINE, Dennis W., US
[72] BONESTEEL, Oliver P., US
[72] BANKS, Bill W., US
[72] EYLER, Francis R., US
[72] FLEAGLE, Jon E., US
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[13] A1

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[25] EN
[54] **ADJUSTABLE FLOOR-MOUNTED AIR OUTLET VENT**
[54] **EVENT DE SORTIE D'AIR REGLABLE MONTE SUR PLANCHER**
[72] SODEC, Franc, DE
[71] KRANTZ-TKT GMBH, DE
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[54] **ORIENTATIONLESS SQUIB CONNECTOR ASSEMBLY FOR AUTOMOTIVE AIR BAG ASSEMBLIES**
[54] **RACCORD D'AMORCE SANS ORIENTATION POUR COUSSINS GONFLABLES D'AUTOMOBILES**
[72] RHEIN, David J., US
[72] GAUKER, Bradford K., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
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[30] US (09/197,748) 1998-11-23

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[13] A1

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[25] EN
[54] **COMBINED MECHANICAL/HYDRAULIC DRIVE SYSTEM**
[54] **SYSTEME COMBINE D'ENTRAINEMENT MECANIQUE/HYDRAULIQUE**
[72] TIEBEN, J. Daryl, US
[71] MY-D HAN-D MFG. CO., US
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[30] US (08/985,882) 1997-12-05

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[25] EN
[54] **METHOD AND SYSTEM FOR SUPPRESSING FORMATION OF SCALE DEFECTS DURING HOT FINISH ROLLING**
[54] **METHODE ET SYSTEME SERVANT A EMPECHER LA FORMATION DE DEFAUTS CAUSES PAR LE TARTRE PENDANT LE LAMINAGE DE FINITION A CHAUD**
[72] FUKUMORI, Junsou, JP
[72] KAYA, Akira, JP
[72] LEE, Jae-Young, JP
[72] MIN, Kyung-Zoon, JP
[72] MIZUTA, Keiji, JP
[72] SEO, Young-Gil, KR
[72] PARK, Jung-Do, KR
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[43] 1999-06-05
[30] JP (9-335233) 1997-12-05

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[13] A1

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[54] **APPAREIL D'ALIMENTATION ET DE CUISSON DE PRODUITS**
[72] COOPER, Gregory L., US
[72] LEDET, Brent A., US
[71] THE LAITRAM CORPORATION, US
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[43] 1999-06-05
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[13] A1
[51] **Int.Cl. 6E04F 13/08 6E04C 2/38**
[25] EN
[54] **MOUNTING SYSTEM FOR
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CLADDING ON BUILDINGS**
[54] **SYSTEME DE MONTAGE DE
PANNEAUX DE REVETEMENT DE
FACADES DE BATIMENTS**
[72] DELIE, Hugues C., FR
[72] MOURMANS, Math J. W., NL
[71] TRESPA INTERNATIONAL B.V., NL
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[13] A1
[51] **Int.Cl. 6B21B 45/06**
[25] EN
[54] **METHOD AND SYSTEM FOR
SUPPRESSING SURFACE OXIDE FILM
DURING HOT FINISH ROLLING**
[54] **METHODE ET SYSTEME DE
SUPPRESSION DE LA COUCHE
D'OXYDE DE SURFACE PENDANT LE
LAMINAGE DE FINITION A CHAUD**
[72] HA, Sang-Wook, KR
[72] YAMAMOTO, Mikio, JP
[72] KAWAMIZU, Tsutomu, JP
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[72] LEE, Seung-Sam, KR
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[13] A1
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[54] **METHOD AND SYSTEM FOR
COOLING STRIP MATERIAL**
[54] **METHODE ET SYSTEME DE
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[72] HAN, Kwang-Hee, JP
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[72] KREUZER, Thomas, DE
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[72] DOMESLE, Rainer, DE
[72] LEYRER, Jürgen, DE
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[54] **GEOMETRIE D'ENTONNOIR D'UN MOULE POUR LA COULEE CONTINUE D'UN METAL**
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[72] CAPOTOSTI, Romeo, IT
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[54] **MATERIAU POUR REPARER LES BRIQUES DE LA CHAMBRE DE CARBONISATION D'UN FOUR A COKE ET METHODE DE REPARATION**
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[72] ANDO, Takeshi, JP
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[21] **2,255,328**
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[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE CHLOREE**
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[54] **QUINOLINONE DERIVATIVE, METHOD FOR PREPARING THE SAME, AND ANTI-ALLERGIC AGENT [54] DERIVE DE QUINOLINONE, METHODE DE PREPARATION DE CELUI-CI ET AGENT ANTI-ALLERGENE**
[72] SAKAI, Mitsuru, JP
[72] MISUMI, Osamu, JP
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[72] MIN, Kyung-Zoon, JP
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[72] KAWAMIZU, Tsutomu, JP
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[51] **Int.Cl. 6E04B 1/82**
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[71] ISOVER SAINT-GOBAIN, FR
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[54] **PIECE EN MATERIAU COMPOSITE A MATRICE METALLIQUE A HAUTE RIGIDITE ET A GRANDE STABILITE DANS UNE DIRECTION LONGITUDINALE**
[54] **LENGTH OF METALLIC MATRIX COMPOSITE, PRESENTING HIGH RIGIDITY AND STABILITY IN THE LONGITUDINAL DIRECTION OF THE PIECE**
[72] GAUDIN, Jocelyn, FR
[72] PONCY, Joël, FR
[72] NIVET LUTZ, Martine, FR
[72] BILLAUD, Laetitia, FR
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[25] EN
[54] **LIQUID DISCHARGE HEAD, METHOD FOR MANUFACTURING SUCH HEAD, HEAD CARTRIDGE AND LIQUID DISCHARGING APPARATUS**
[54] **TETE DE SORTIE DE LIQUIDE, METHODE DE FABRICATION DE CETTE TETE, CARTOUCHE DE TETE ET DISPOSITIF DE SORTIE DE LIQUIDE**
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[54] **MATRICE DE PULTRUSION AMELIOREE ET METHODE DE FABRICATION**
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[54] **IN-SITU METHOD FOR CLEANING OF SOIL WHICH IS POLLUTED WITH HALOGENATED PRODUCTS, IN PARTICULAR CHLORINATED PRODUCTS**
[54] **METHODE IN SITU POUR LE NETTOYAGE DE SOLS POLLUES PAR DES PRODUITS HALOGENES, EN PARTICULIER DES PRODUITS CHLORES**
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[72] SCHRAA, Gosse, NL
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[72] DE KREUK, Johannes Fredericus, NL
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[13] A1

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[25] EN
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[54] **GENERATRICE A COURANT ALTERNATIF ASYNCHRONISE AUTO-EXCITANT AVEC COUPLAGE D'INDUCTION PARAMUTUEL**
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[54] **CONTENANT POUR SUPPORT D'INFORMATION EN FORME DE DISQUE**
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[21] **2,264,246**
[13] A1

[51] Int.Cl. **6C12Q 1/68 6C12N 15/11 6A61K 31/70**
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[21] **2,264,581**
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[54] **CHARACTERISATION D'UN ADN**
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[72] THOMPSON, Andrew Hugin, GB
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[21] **2,264,952**
[13] A1

[51] Int.Cl. **6C12N 9/10 6A01K 67/027 6C12N 5/10 6A61K 35/12 6C12N 15/54**
[25] EN
[54] **IMPROVED NUCLEIC ACIDS FOR REDUCING CARBOHYDRATE EPITOPES**
[54] **ACIDES NUCLEIQUES AMELIORES SERVANT A LIMITER LES DETERMINANTS ANTIGENIQUES DE GLUCIDES**
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[71] THE AUSTIN RESEARCH INSTITUTE, AU
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[54] **CLONAGE D'ADNC PLEINE LONGUEUR DE PEX HUMAIN**
[72] LIPMAN, Mark L., CA
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[72] SHEN, Yingnian, CA
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[87] 1998-03-12 (WO98/10078)
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[13] A1

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[54] **HERPESVIRUS SAIMIRI EN TANT QUE VECTEUR VIRAL**
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[72] MARKHAM, Alexander Fred, GB
[71] UNIVERSITY OF LEEDS, GB
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[87] 1998-03-12 (WO98/10083)
[30] GB (9618477.5) 1996-09-04

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[13] A1

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[25] EN
[54] **A PROCESS OF INCREASING PLANT GROWTH AND YIELD AND MODIFYING CELLULOSE PRODUCTION IN PLANTS**
[54] **PROCEDE POUR AUGMENTER LA CROISSANCE ET LE RENDEMENT DES VEGETAUX, ET POUR MODIFIER LA PRODUCTION DE CELLULOSE DANS LES VEGETAUX**
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[72] ELLIS, David Dunham, CA
[72] XUE, Bao Guo, CA
[72] NEWTON, Craig Hunter, CA
[72] GAWLEY, John Robert, CA
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[21] **2,264,964**
[13] A1

[51] **Int.Cl. 6C07K 14/18 6C30B 7/00 6C07K 1/00 6G06F 17/50**
[25] EN
[54] **CRYSTALLIZABLE COMPOSITIONS COMPRISING A HEPATITIS C VIRUS NS3 PROTEASE DOMAIN/NS4A COMPLEX AND CRYSTALS THEREBY OBTAINED**
[54] **COMPOSITIONS CRISTALLISABLES CONTENANT UN COMPLEXE A ASSOCIATION ENTRE DOMAINE DE PROTEASE NS3 DU VIRUS DE L'HEPATITE C ET NS4A ET CRISTAUX RESULTANTS**
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[72] KIM, Joseph L., US
[72] THOMSON, John A., US
[72] LIN, Chao, US
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[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/01 6C12N 5/10 6C07K 14/145 6C12N 15/47 6C12N 15/62**
[25] EN
[54] **EXPRESSION OF AN EXOGENOUS GENE IN A MAMMALIAN CELL BY USE OF A NON-MAMMALIAN DNA VIRUS HAVING AN ALTERED COAT PROTEIN**
[54] **VIRUS A ADN NON MAMMALIEN QUI POSSEDE UNE PROTEINE DE COQUE MODIFIEE**
[72] BARSOUM, James G., US
[72] BOYCE, Frederick M., US
[71] BIOGEN, INC., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 1999-03-04
[86] 1997-09-11 (PCT/US97/16041)
[87] 1998-03-19 (WO98/11243)
[30] US (60/026,297) 1996-09-11

[21] **2,264,967**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12N 9/12 6C12N 1/21 6C12P 19/34 6C12N 15/54**
[25] EN
[54] **METHOD OF DNA SEQUENCING**
[54] **PROCEDE DE SEQUENCAGE DE L'ADN**
[72] HAYASHIZAKI, Yoshihide, JP
[71] THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JP
[71] HAYASHIZAKI, Yoshihide, JP
[85] 1999-03-05
[86] 1998-07-06 (PCT/JP98/03039)
[87] 1999-01-21 (WO99/02729)
[30] JP (9/196478) 1997-07-07
[30] JP (10/155847) 1998-06-04

[21] **2,265,464**
[13] A1

[51] **Int.Cl. 6C12N 9/40 6A61K 48/00 6C12N 5/10 6A61K 38/47 6C12N 15/56 6C12N 15/62**
[25] EN
[54] **THERAPY FOR .ALPHA.- GALACTOSIDASE A DEFICIENCY**
[54] **TRAITEMENT POUR CARENCE EN .ALPHA.-GALACTOSIDASE A**
[72] WILLIAMS, Melanie D., US
[72] GILLESPIE, Frances P., US
[72] KINOSHITA, Carol M., US
[72] TRECO, Douglas A., US
[72] SELDEN, Richard F., US
[72] BOROWSKI, Marianne, US
[71] TRANSKARYOTIC THERAPIES, INC., US
[85] 1999-03-12
[86] 1997-09-12 (PCT/US97/16603)
[87] 1998-03-19 (WO98/11206)
[30] US (08/712,614) 1996-09-13

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[21] **2,265,883**
[13] A1

[51] **Int.Cl. 6C12N 15/11 6A61K 39/00 6A61K 39/112 6C12N 15/70 6C12N 15/74**
[25] EN
[54] **IRON REGULATED PROMOTER AND USES THEREOF**
[54] **PROMOTEUR REGULE PAR DU FER ET SON EMPLOI**
[72] BRAHMBHATT, Himanshu N., AU
[72] BURN, Adam, AU
[72] EMERY, David, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] AUSTRALIAN WOOL RESEARCH AND PROMOTION ORGANISATION, AU
[85] 1999-03-05
[86] 1997-08-08 (PCT/AU97/00503)
[87] 1998-03-12 (WO98/10064)
[30] AU (PO 2164) 1996-09-06
[30] AU (PO 2454) 1996-09-19
[30] AU (PO 7801) 1997-07-09

[21] **2,265,884**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C12N 9/12 6C12N 1/21 6C12P 19/34 6C12Q 1/68**
[25] EN
[54] **RNA POLYMERASE**
[54] **ARN POLYMERASE**
[72] WATAHIKI, Masanori, JP
[72] HAYASHIZAKI, Yoshihide, JP
[71] THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JP
[71] NIPPON GENE CO., LTD., JP
[71] HAYASHIZAKI, Yoshihide, JP
[85] 1999-03-05
[86] 1998-07-06 (PCT/JP98/03037)
[87] 1999-01-21 (WO99/02698)
[30] JP (9/180883) 1997-07-07
[30] JP (10/155759) 1998-06-04

[21] **2,265,885**
[13] A1

[51] **Int.Cl. 6C07K 4/00 6C07K 5/08 6C07K 7/08 6A61K 38/20 6C07K 16/24 6A61K 39/385 6A61K 39/395 6C07K 14/54**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF IMMUNE DISORDERS**
[54] **THERAPIE A BUT IMMUNITAIRE**
[72] PRENDERGAST, Patrick T., IE
[71] PRENDERGAST, Patrick T., IE
[85] 1999-03-08
[86] 1997-09-10 (PCT/IB97/01086)
[87] 1998-03-19 (WO98/10787)
[30] US (60/025,180) 1996-09-11

[21] **2,265,887**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 48/00 6C07K 16/12 6C07K 14/245 6C07K 14/25 6A61K 39/40 6C12N 15/62**
[25] EN
[54] **HISTIDINE-TAGGED SHIGA TOXINS, TOXOIDS, AND PROTEIN FUSIONS WITH SUCH TOXINS AND TOXOIDS, METHODS FOR THE PURIFICATION AND PREPARATION THEREOF**
[54] **TOXINES ET TOXOIDES SHIGA A MARQUES PAR L'HISTIDINE, FUSIONS DE PROTEINES AVEC CES TOXINES ET TOXOIDES, ET LEURS PROCEDES DE PURIFICATION ET DE PREPARATION**
[72] SCHMITT, Clare K., US
[72] O'BRIEN, Alison D., US
[71] HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, US
[85] 1999-03-09
[86] 1997-09-09 (PCT/US97/15836)
[87] 1998-03-19 (WO98/11229)
[30] US (60/025,637) 1996-09-10

[21] **2,266,423**
[13] A1

[51] **Int.Cl. 6C12N 15/10 6C12N 5/00 6C12N 15/00 6C12N 9/10 6C12N 15/62 6C12N 15/86**
[25] EN
[54] **METHODS FOR OPTIMIZATION OF GENE THERAPY BY RECURSIVE SEQUENCE SHUFFLING AND SELECTION**
[54] **PROCEDES PERMETTANT L'OPTIMISATION D'UNE THERAPIE GENIQUE GRACE A UN REARRANGEMENT ET UNE SELECTION RECURSIFS DE SEQUENCES**
[72] CHRISTIANS, Frederick C., US
[72] STEMMER, Willem P.C., US
[72] LIU, Shi-Kau, US
[71] MAXYGEN, INC., US
[85] 1999-03-26
[86] 1997-09-26 (PCT/US97/17300)
[87] 1998-04-02 (WO98/13487)
[30] US (60/037,742) 1996-09-27
[30] US (08/722,660) 1996-09-27

[21] **2,266,425**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **HUMAN B-CELL TRANSLOCATION GENES-2 AND 3**
[54] **GENES 2 ET 3 DE TRANSLOCATION DE LYMPHOCYTES B HUMAINS**
[72] KUNSCH, Charles A., US
[72] ROSEN, Craig A., US
[72] CHOPRA, Arvind, US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 1999-03-18
[86] 1996-09-18 (PCT/US96/14997)
[87] 1998-03-26 (WO98/12204)

[21] **2,266,744**
[13] A1

[51] **Int.Cl. 6C07K 14/805 6C07H 17/00 6C12N 15/00 6C12P 21/06**
[25] EN
[54] **OXYGEN-BINDING HEME PROTEINS INCORPORATING CIRCULARLY-PERMUTED GLOBINS**
[54] **PROTEINES D'HEMES DE LIAISON D'OXYGENE CONTENANT DES GLOBINES A PERMUTATION CIRCULAIRE**
[72] SANDERS, Kevin, US
[72] SLIGAR, Stephen G., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 1999-03-25
[86] 1997-09-26 (PCT/US97/17294)
[87] 1998-04-02 (WO98/13386)
[30] US (60/026,831) 1996-09-27

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<p style="text-align: center;">[21] 2,266,747 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/558 6G01N 33/543 6G01N 33/569 [25] EN [54] DIAGNOSTIC TEST DEVICES WITH IMPROVED FLUID MOVEMENT AND RESISTANCE TO INTERFERENCES [54] DISPOSITIF POUR EPREUVE DIAGNOSTIQUE AMELIORANT LA CIRCULATION DES FLUIDES ET LA RESISTANCE AUX INTERACTIONS CHIMIQUES [72] CHILDS, Mary Ann, US [72] BERNSTEIN, David, US [71] UNIVERSAL HEALTHWATCH, INC., US [85] 1999-03-25 [86] 1997-09-25 (PCT/US97/17129) [87] 1998-04-02 (WO98/13519) [30] US (60/026,681) 1996-09-25 [30] US (08/912,580) 1997-08-18</p>	<p style="text-align: center;">[21] 2,267,197 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/12 6C12N 15/11 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12N 15/70 [25] EN [54] ISOLATION AND USE OF MOTONEURONOTROPHIC FACTORS [54] ISOLEMENT ET UTILISATION DE FACTEURS MOTONEURONOTROPHIQUES [72] CHAU, Raymond Ming Wah, HK [71] KM BIOTECH, INC., US [85] 1999-03-26 [86] 1997-09-22 (PCT/US97/17142) [87] 1998-04-02 (WO98/13492) [30] US (60/026,792) 1996-09-27 [30] US (08/751,225) 1996-11-15 [30] US (08/928,862) 1997-09-12</p>	<p style="text-align: center;">[21] 2,267,653 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/00 6A01H 1/00 6A01H 3/00 6A01H 4/00 6A01H 5/00 6C12N 15/01 6A01H 1/04 6A01H 1/06 [25] EN [54] WAXY WHEAT STARCH TYPES HAVING WAXY PROTEINS IN GRANULE [54] TYPES CIREUX D'AMIDON DE BLE POSSEDANT DES PROTEINES CIREUSES DANS LE GRAIN [72] DUNLAP, Francie G., US [72] CHANG, Ming, US [72] KEELING, Peter L., US [71] EXSEED GENETICS, LLC., US [85] 1999-03-26 [86] 1997-10-07 (PCT/US97/18139) [87] 1998-04-16 (WO98/15621) [30] US (60/028,264) 1996-10-08 [30] US (08/944,950) 1997-10-06</p>
<p style="text-align: center;">[21] 2,266,749 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 [25] EN [54] THE USE OF MODULAR OLIGONUCLEOTIDES AS PROBES OR PRIMERS IN NUCLEIC ACID BASED ASSAY [54] UTILISATION D'OLIGONUCLEOTIDES MODULAIRES COMME SONDES OU AMORCES DANS DES DOSAGES A BASE D'ACIDE NUCLEIQUE [72] LUNDEBERG, Joakim, SE [72] UHLÉN, Mathias, SE [71] DYNAL AS, NO [85] 1999-03-25 [86] 1997-09-26 (PCT/GB97/02629) [87] 1998-04-02 (WO98/13522) [30] GB (9620075.3) 1996-09-26</p>	<p style="text-align: center;">[21] 2,267,620 [13] A1</p> <p>[51] Int.Cl. 6C07K 16/00 6C12N 15/12 6C12N 15/13 6A61K 38/17 6A61K 39/395 6G01N 33/53 6C12N 15/63 [25] EN [54] IMMUNOGLOBULIN SUPERFAMILY DOMAINS AND FRAGMENTS WITH INCREASED SOLUBILITY [54] DOMAINES DE LA SUPERFAMILLE DES IMMUNOGLOBULINES ET FRAGMENTS PRESENTANT UNE SOLUBILITE ACCRUE [72] PLUCKTHUN, Andreas, CH [72] NIEBA, Lars, CH [72] HONEGGER, Annemarie, CH [71] PLUCKTHUN, Andreas, CH [71] MORPHOSYS AG, DE [85] 1999-01-14 [86] 1997-07-16 (PCT/EP97/03792) [87] 1998-01-22 (WO98/02462) [30] EP (96111441.0) 1996-07-16</p>	<p style="text-align: center;">[21] 2,267,654 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 [25] EN [54] CYANINE DYES WITH HIGH-ABSORBANCE CROSS SECTION AS DONOR CHROMOPHORES IN ENERGY TRANSFER LABELS [54] COLORANTS A BASE DE CYANINE A SECTION TRANSVERSALE TRES ABSORBANTE EN TANT QUE CHROMOPHORES DONNEURS DANS LES MARQUEURS DE TRANSFERT D'ENERGIE [72] GLAZER, Alexander N., US [72] MATHIES, Richard A., US [72] HUNG, Su-Chun, US [72] JUE, Jingyue, US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 1999-03-26 [86] 1997-10-02 (PCT/US97/17745) [87] 1998-04-09 (WO98/14612) [30] US (08/726,178) 1996-10-04</p>

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[21] **2,267,655**
[13] A1

[51] **Int.Cl. 6C12Q 1/04 6C07K 14/00 6C12P 21/00**
[25] EN
[54] **ASSAY USING MARKED MICROBIAL HOST CELL STRAINS**
[54] **ANALYSE UTILISANT DES SOUCHES DE CELLULES HOTES MICROBIENNES MARQUEES**
[72] SWARTZ, James R., US
[72] McFARLAND, Nancy C., US
[71] GENENTECH, INC., US
[85] 1999-04-09
[86] 1997-10-10 (PCT/US97/19473)
[87] 1998-05-07 (WO98/18955)
[30] US (08/741,726) 1996-10-31

[21] **2,267,659**
[13] A1

[51] **Int.Cl. 6C12Q 1/34 6G01N 33/53 6C12Q 1/68**
[25] EN
[54] **CHRONIC FATIGUE SYNDROME DIAGNOSIS**
[54] **DIAGNOSTIC DU SYNDROME DE FATIGUE CHRONIQUE**
[72] SUHADOLNIK, Robert J., US
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 1999-04-07
[86] 1997-09-19 (PCT/US97/16998)
[87] 1998-04-16 (WO98/15646)
[30] US (08/728,109) 1996-10-09
[30] US (08/895,120) 1997-07-16

[21] **2,267,660**
[13] A1

[51] **Int.Cl. 6C07K 16/38 6C12N 5/20 6C07K 16/40 6G01N 33/574 6C12N 9/64 6C07K 14/705 6C07K 14/81**
[25] EN
[54] **MONOCLONAL ANTIBODIES AGAINST A HUMAN ACT AND SERINE PROTEASE COMPLEX**
[54] **ANTICORPS MONOCLONAUX CONTRE UN COMPLEXE D'ACT HUMAIN ET D'UNE SERINE-PROTEASE**
[72] KAUFMANN, Martin, DE
[72] DEEG, Rolf, DE
[72] GALLUSSER, Andreas, DE
[72] KIENTSCH-ENGEL, Rosemarie, DE
[72] MEIER, Thomas, DE
[72] HUBNER-PARAJSZ, Christa, DE
[72] SCHETTERS, Hartmut, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 1999-04-07
[86] 1997-10-09 (PCT/EP97/05556)
[87] 1998-04-16 (WO98/15580)
[30] DE (196 41 560.8) 1996-10-09

[21] **2,267,767**
[13] A1

[51] **Int.Cl. 6C07D 213/82 6C07D 405/04 6A61K 51/04 6C07D 405/12 6C07D 401/14 6C07D 405/14 6C08B 37/16 6A61K 31/165 6A61K 31/44 6C07C 323/52 6A61K 31/555 6C07F 9/58 6C07F 9/6558 6A61K 31/675 6A61K 31/715**
[25] EN
[54] **RADIOPHARMACEUTICALS FOR IMAGING INFECTION AND INFLAMMATION**
[54] **PRODUITS RADIOPHARMACEUTIQUES SERVANT A PRENDRE L'IMAGE D'UNE INFECTION OU D'UNE INFLAMMATION**
[72] RAJOPADHYE, Milind, US
[72] HARRIS, Thomas David, US
[72] BARRETT, John Andrew, US
[72] CHEESMAN, Edward Hollister, US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 1999-04-06
[86] 1997-10-06 (PCT/US97/18096)
[87] 1998-04-16 (WO98/15295)
[30] US (08/726,507) 1996-10-07

[21] **2,268,538**
[13] A1

[51] **Int.Cl. 6B01F 7/00**
[25] EN
[54] **ROTATING PULSE APPARATUS**
[54] **APPAREIL ROTATIF A IMPULSIONS**
[72] KESEL, Boris Alexandrovich, RU
[72] VESELYEV, Dmitry Anatolievich, RU
[72] GATAULLIN, Rustem Shamgunovich, RU
[72] VOLKOV, German Alfredovich, RU
[72] LEBEDEV, Sergei Germanovich, RU
[72] FEDOROV, Alexander Dmitrievich, RU
[71] INTERNATIONAL PROCESS EQUIPMENT & TECHNOLOGY, INC., US
[85] 1999-04-13
[86] 1996-10-14 (PCT/RU96/00297)
[87] 1998-04-23 (WO98/16304)

[21] **2,268,766**
[13] A1

[51] **Int.Cl. 6H04B 17/00 6H04M 3/22**
[25] EN
[54] **SYSTEM AND DEVICE FOR, AND METHOD OF, DETECTING, CHARACTERIZING, AND MITIGATING DETERMINISTIC DISTORTION IN A COMMUNICATIONS NETWORK**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE DETECTION, DE CARACTERISATION ET DE MODERATION DE LA DISTORSION DETERMINISTIQUE DANS UN RESEAU DE TELECOMMUNICATIONS**
[72] EYUBOGLU, M. Vedat, US
[72] BARABELL, Arthur J., US
[72] HUMBLET, Pierre A., FR
[71] MOTOROLA, INC., US
[85] 1999-04-14
[86] 1997-10-15 (PCT/US97/18554)
[87] 1998-04-23 (WO98/17044)
[30] US (08/730,433) 1996-10-15

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<p style="text-align: right;">[21] 2,268,778 [13] A1</p> <p>[51] Int.Cl. 6C05C 7/00 [25] EN [54] METHOD AND PACKAGING UTILIZING CALCIUM CYANAMIDE FOR SOIL TREATMENT [54] PROCEDE ET STRUCTURES METTANT EN APPLICATION CYANAMIDE DE CALCIUM POUR TRAITER LES SOLS [72] HARTMANN, Richard O. W., US [71] HARTMANN, Richard O. W., US [85] 1999-04-14 [86] 1997-10-20 (PCT/US97/18238) [87] 1998-04-30 (WO98/17603) [30] US (08/734,193) 1996-10-21</p>	<p style="text-align: right;">[21] 2,269,052 [13] A1</p> <p>[51] Int.Cl. 6H01H 33/24 [25] EN [54] HIGH VOLTAGE COMPRESSED GAS-BLAST CIRCUIT-BREAKER [54] DISJONCTEUR A GAZ COMPRISE HAUTE TENSION [72] JÄNICKE, Lutz-Rüdiger, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-04-16 [86] 1997-10-15 (PCT/DE97/02449) [87] 1998-04-30 (WO98/18144) [30] DE (196 44 624.4) 1996-10-18</p>	<p style="text-align: right;">[21] 2,269,212 [13] A1</p> <p>[51] Int.Cl. 6H04B 1/69 [25] EN [54] METHOD FOR WIRELESS INFORMATION TRANSFER [54] PROCEDE DE TRANSMISSION SANS FIL D'UNE INFORMATION [72] IANELLI, Zbigniew, DE [72] KOSLAR, Manfred, DE [71] NANOTRON GESELLSCHAFT FUR MIKROTECHNIK MBH, DE [85] 1999-04-19 [86] 1997-11-03 (PCT/DE97/02606) [87] 1998-05-14 (WO98/20625) [30] DE (19646747.0) 1996-11-01</p>
<p style="text-align: right;">[21] 2,268,925 [13] A1</p> <p>[51] Int.Cl. 6H04Q 3/00 6H04Q 7/38 [25] EN [54] TELECOMMUNICATIONS NETWORK WITH PORTABILITY OF MOBILE SUBSCRIBER NUMBER [54] RESEAU DE TELECOMMUNICATIONS A TRANSFERABILITE DE NUMERO D'ABONNE MOBILE [72] KILHAGE, Per-Erik Mikael, SE [72] OLSSON, Björn, SE [72] KALLIONIEMI, Karl-Erik, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-04-15 [86] 1997-10-17 (PCT/SE97/01747) [87] 1998-04-30 (WO98/18269) [30] US (08/733,930) 1996-10-18 [30] US (08/764,634) 1996-12-11</p>	<p style="text-align: right;">[21] 2,269,053 [13] A1</p> <p>[51] Int.Cl. 6C07D 401/12 [25] EN [54] CRYSTALS OF BENZIMIDAZOLE DERIVATIVES AND THEIR PRODUCTION [54] CRISTAUX DE DERIVES BENZIMIDAZOLE ET LEUR PRODUCTION [72] KATO, Masayasu, JP [72] ISHIDA, Toru, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 1999-04-16 [86] 1997-11-13 (PCT/JP97/04136) [87] 1998-05-22 (WO98/21201) [30] JP (8/303361) 1996-11-14</p>	<p style="text-align: right;">[21] 2,269,216 [13] A1</p> <p>[51] Int.Cl. 6B09C 1/00 6B09B 3/00 [25] EN [54] PROCESS AND SYSTEM FOR THE TREATMENT OF WASTES, MINERALS AND REFUSE MASSES [54] SYSTEME DE TRAITEMENT SBS DE MASSES DE MATERIAUX [72] PARRY, Julian David, GB [71] SBS TECHNOLOGY (GB) LTD., GB [85] 1999-04-19 [86] 1998-07-06 (PCT/GB98/02000) [87] 1999-01-14 (WO99/01237) [30] GB (9714112.1) 1997-07-04</p>
<p style="text-align: right;">[21] 2,268,987 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/38 [25] EN [54] METHOD AND APPARATUS FOR ENHANCED CALL SETUP [54] PROCEDE ET APPAREIL PERMETTANT D'AMELIORER L'ETABLISSEMENT D'UNE COMMUNICATION [72] XU, Jim, US [72] HO, Joseph S. M., US [71] NORTHERN TELECOM LIMITED, CA [85] 1999-04-15 [86] 1998-08-14 (PCT/IB98/01258) [87] 1999-02-25 (WO99/09776) [30] US (08/911,628) 1997-08-15</p>	<p style="text-align: right;">[21] 2,269,205 [13] A1</p> <p>[51] Int.Cl. 6C06D 5/06 [25] EN [54] NONAZIDE GAS GENERANT COMPOSITIONS [54] COMPOSITIONS D'AGENT GENERANT UN GAZ NON AZIDE [72] BURNS, Sean P., US [72] KHANDHADIA, Paresh S., US [71] AUTOMOTIVE SYSTEMS LABORATORY, INC., US [85] 1999-04-16 [86] 1997-11-03 (PCT/US97/20219) [87] 1998-05-28 (WO98/22208) [30] US (745,949) 1996-11-08</p>	<p style="text-align: right;">[21] 2,269,476 [13] A1</p> <p>[51] Int.Cl. 6B01D 53/52 6B01D 53/14 6C10K 1/14 6C10G 29/20 [25] EN [54] METHOD AND COMPOSITION FOR REMOVING SULFIDES FROM FLUID STREAMS [54] PROCEDE ET COMPOSITION DESTINES A EXTRAIRE DES SULFURES D'ECOULEMENTS FLUIDES [72] WARRENDER, Neil Andrew, CA [72] COSSAR, John, CA [71] STANCHEM INC., CA [85] 1999-04-20 [86] 1997-11-04 (PCT/CA97/00826) [87] 1998-05-14 (WO98/19774) [30] US (08/743,120) 1996-11-04</p>

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[21] **2,269,477**

[13] A1

[51] **Int.Cl. 6A61K 7/50**

[25] EN

[54] **CLEANSING PRODUCTS**

[54] **PRODUITS DE NETTOYAGE POUR
LA TOILETTE**

[72] ALBACARYS, Lourdes Dessus, US

[72] HASENOEHRL, Erik John, US

[72] FOWLER, Timothy John, US

[71] THE PROCTER & GAMBLE

COMPANY, US

[85] 1999-04-20

[86] 1997-10-27 (PCT/US97/19256)

[87] 1998-05-07 (WO98/18444)

[30] US (08/738,194) 1996-10-25

[21] **2,269,478**

[13] A1

[51] **Int.Cl. 6G02B 5/124**

[25] EN

[54] **HIGHLY CANTED**

**RETROREFLECTIVE CUBE CORNER
ARTICLE**

[54] **ARTICLE A ELEMENTS EN COIN
DE CUBE, RETROREFLECHISSANT ET
FORTEMENT BISEAUTE**

[72] SMITH, Kenneth L., US

[71] MINNESOTA MINING AND
MANUFACTURING COMPANY, US

[85] 1999-04-21

[86] 1997-10-15 (PCT/US97/18550)

[87] 1998-05-14 (WO98/20374)

[30] US (08/742840) 1996-11-01

[21] **2,269,499**

[13] A1

[51] **Int.Cl. 6G01R 22/00**

[25] EN

[54] **ENERGY METER WITH POWER**

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[71] ABB POWER T & D COMPANY INC.,
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[85] 1999-04-21

[86] 1997-10-16 (PCT/US97/18457)

[87] 1998-04-30 (WO98/18013)

[30] US (60/028,986) 1996-10-22

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[21] **2,266,010**

[13] A1

[51] **Int.Cl. 6C12M 1/40 6B01L 3/00**

[25] EN

[54] **THERMAL CYCLER FOR
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[54] **SYSTEME DE CYCLAGE
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[72] WILLIAMS, Fenton, US

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[71] PERKIN-ELMER/CETUS
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[22] 1991-11-29

[43] 1992-05-30

[62] 2056743

[30] US (620,606) 1990-11-29

[30] US (670,545) 1991-03-14

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ANDREWS, Steven L	2,223,331	BECTON, DICKINSON AND COMPANY	2,255,078	BRADSHAW, Randolph	2,253,108
ANKENBAUER, Waltraud	2,252,968	BELL, James Alexander Evert	2,254,604	BRAMPTON ENGINEERING INC.	2,251,426
ANSELL HEALTHCARE PRODUCTS INC.	2,254,710	BELL, James Alexander Evert	2,254,605	BRANDT, Rainer	2,254,680
ANYON, David	2,223,120	BELMAAZA, Abdallah	2,220,785	BRASS, Jack	2,255,018
ARAI, Ichiro	2,255,095	BERGER, Robert L.	2,253,108	BRASSCORP LTD.	2,255,018
ARATOWERK WALTER VON TASCHITZKI GMBH & CO. KG	2,244,297	BERNDL, Gunther	2,253,695	BREIT, Stephen M.	2,254,704
ARMAND, Michel	2,223,562	BERT, Paolo	2,252,954	BREIT, Stephen M.	2,254,747
ARMAND, Michel	2,224,046	BESATI, Gianni	2,253,701	BRIERE, Allen	2,223,763
ARNOLDY, Peter	2,255,358	BESHAI, Maged E.	2,255,191	BRINGHEN, Alain	2,254,585
ARNOUX, Stéphane	2,254,191	BETTIOL, Mark	2,226,589	BRUCKNER, Ivan	2,220,785
ASAHARA, Yuuji	2,255,136	BETTIOL, Mike	2,226,589	BRUECKHEIMER, Simon Daniel	2,254,821
ASAHARA, Yuuji	2,255,138	BIANCHI, Lucia	2,253,701	BRUEWER, Timothy B.	2,255,149
AT&T CORP.	2,253,123	BIENICK, Craig	2,254,660	BUARD, Yvon	2,253,681
AT&T WIRELESS SERVICES, INC.	2,251,589	BILLAUD, Laetitia	2,255,402	BUCHANAN, Karl H.	2,253,698
AUSTIN, Barry G.	2,252,951	BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION	2,253,006	BUHRMANN, Michael	2,251,589
AZZAOUI, Kamal	2,223,216	BIOSOIL B.V.	2,255,817	BULS, Michael	2,238,355
		BIRD, Kevin	2,254,660	BURLONE, Dominick A.	2,244,055
		BLANCHE, Stephen Arthur	2,254,472	BUSKENS, Richard Wayne	2,252,018
		BLIWEIS, Mordechai	2,252,988	CABLE, Julian Frank Barry	2,254,821

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CAMCO INTERNATIONAL INC.	2,254,704	DAVIES, Dave	2,226,589	ERICKSON, Ryan A.	2,254,738
CAMCO INTERNATIONAL INC.	2,254,747	DAVIES, Robert J.	2,223,672	ERNST, Andreas	2,253,695
CAMCO INTERNATIONAL INC.	2,255,149	DE KREUK, Johannes Fredericus	2,255,817	ERNST, Andreas	2,253,700
CANON KABUSHIKI KAISHA	2,255,082	DE LA POTERIE, Valérie	2,253,683	ETCO INCORPORATED	2,254,472
CANON KABUSHIKI KAISHA	2,255,405	DEAD SEA WORKS LTD.	2,240,446	ETUDES ET CONSTRUCTIONS MECANIQUES	2,255,343
CAPOCCI, Gerald Anthony	2,254,663	DEBELLIS, Anthony David	2,254,663	EVANS, Stephen Rhyllant	2,254,821
CAPOTOSTI, Romeo	2,255,279	DEERE & COMPANY	2,252,935	EYLER, Francis R.	2,255,093
CARIVEAU, Peter	2,254,044	DEGUSSA		EYLER, Francis R.	2,255,105
CARIVEAU, Peter	2,254,170	AKTIENGESELLSCHAFT	2,253,021	EYLER, Francis R.	2,255,111
CARSON, Ronald	2,223,497	DEGUSSA		EYLER, Francis R.	2,255,233
CARTABIANO, James E.	2,223,665	AKTIENGESELLSCHAFT	2,255,278	EYLER, Francis R.	2,255,234
CASACIA, Lucy	2,255,110	DEITZ, Michael P.	2,252,018	F. HOFFMAN-LA ROCHE AG	2,255,171
CATERPILLAR INC.	2,251,528	DELIE, Hugues C.	2,255,245	F. HOFFMANN-LA ROCHE AG	2,253,023
CATERPILLAR INC.	2,252,090	DeLONG, Raymond K.	2,255,197	F. HOFFMANN-LA ROCHE AG	2,254,585
CAWTHORNE, Chris Edward	2,254,170	DeLUCIA, Mary Lou	2,252,953	F. HOFFMANN-LA ROCHE AG	2,255,099
CAWTHORNE, Chris Edward	2,254,741	DENEULENAÈRE, Christelle	2,253,680	F. HOFFMANN-LA ROCHE AG	2,255,099
CESURA, Andrea	2,255,171	DEPOUHON, Francois	2,253,097	F. HOFFMANN-LA ROCHE AG	2,255,180
CHANG, Chia-Hu	2,254,663	DETFLOR, Bradley Charles	2,254,708	FABRIS, Mario	2,236,492
CHEN, Shuguang	2,254,748	DEZAEL, Claude	2,253,763	FADLI, Aziz	2,253,678
CHEERY, Donald E.	2,254,441	DIAMOND, Andrea Lucille	2,249,874	FAGG, Stephen Leonard	2,254,821
CHEUNG, Cuthbert	2,254,706	DIASORIN INTERNATIONAL INC.	2,251,260	FAIR, Geoffrey William	2,252,239
CHO, Noi-Ha	2,255,138	DIAZ-PEREZ, Maria	2,223,216	FAIR, Geoffrey William	2,252,248
CHOI, Yeo-Joo	2,255,389	DIDERICKSEN, Roger	2,254,044	FATEHI, Mohammad Taghi	2,253,752
CHOQUETTE, Yves	2,224,046	DIDERICKSEN, Roger	2,254,170	FAYZ, Shirin	2,255,325
CHOW, Andy	2,251,773	DIENSTHUBER, Franz	2,255,254	FIORDALISI, Gianfranco	2,251,260
CHUN, Si-Youl	2,255,138	DIGITAL VOICE SYSTEMS, INC.	2,254,567	FLEAGLE, Jon E.	2,255,093
CIBA SPECIALTY CHE- MICALS HOLDING INC.	2,254,663	DINN, Gary James	2,223,922	FLEAGLE, Jon E.	2,255,105
CIBA SPECIALTY CHE- MICALS HOLDING INC.	2,255,172	DIPPERSTEIN, Michael	2,254,739	FLEAGLE, Jon E.	2,255,111
CLARKE, Glenn A.	2,254,650	DIPPERSTEIN, Michael	2,254,743	FLEAGLE, Jon E.	2,255,233
CLEVINGER, Anthony Lydale	2,253,180	DIRECTOR GENERAL OF NATIONAL INSTITUTE OF FRUIT TREE SCIENCE, MINISTRY O	2,253,006	FLEAGLE, Jon E.	2,255,234
CLINE, Kenneth King	2,255,216	DOAK, James William	2,252,239	FOCKE & CO. (GMBH & CO.)	2,255,090
CLOSE, Roland	2,253,097	DOHERTY, Terrence	2,223,071	FOCKE, Heinz	2,255,090
COLIZZI, Ernesto	2,253,701	DOMESLE, Rainer	2,255,278	FORD GLOBAL TECHNOLOGIES, INC.	2,254,527
CONCENTRIC PUMPS LIMITED	2,254,822	DOW, Robert Lee	2,255,318	FORD GLOBAL TECHNOLOGIES, INC.	2,254,676
CONTINENTAL AKTIENGESELLSCHAFT	2,255,254	DOWNEY, Hugh	2,223,312	FORD GLOBAL TECHNOLOGIES, INC.	2,255,032
COOK, Michael M.	2,251,480	DRENT, Eit	2,255,358	FORD, Joseph Earl	2,253,752
COOPER, Gregory L.	2,255,244	DU, Luke Chi-Chung	2,254,624	FORWARD SAFETY SYSTEMS INC.	2,254,708
COPE, Andrew Christopher	2,255,013	DUIMOVICH, Frank	2,223,123	FOURNIER, Gilles	2,223,071
COPPER, Andrew James	2,252,021	DUMITRESCU, Nicolae	2,253,108	FUJISE, Nobuaki	2,254,949
COPPER, Andrew James	2,252,074	DUNN, David A.	2,251,480	FUJITA, Masahiro	2,254,502
COULBORN, John W.	2,255,015	DUPERRAY, Gérard	2,253,682	FUKUMORI, Junsou	2,255,243
CRAFT, Melissa L.	2,254,168	DURST, Franz	2,254,288	FUKUMORI, Junsou	2,255,248
CREATIVE PULTRUSIONS, INC.	2,255,524	DURTSCI, Becky Ann	2,253,011	FURUKAWA, Hisao	2,254,045
CrossKeys Systems Corporation	2,223,123	DYMOND, James Henry	2,231,371	GAJRAJ, Colin	2,223,953
CRUICKSHANK, Brian	2,249,154	E.I. DU PONT DE NEMOURS AND COMPANY	2,252,971	GALE, Preston L.	2,252,090
CULLEN, Andrew	2,223,666	EATON CORPORATION	2,255,104	GALIANA, Henrietta L.	2,255,382
CUSHNIE, Kirt Kenneth	2,254,604	EENBICHLER, Christine	2,252,968	GALIL MEDICAL LTD	2,252,988
CUSHNIE, Kirt Kenneth	2,254,605	ECKSTINE, Dennis W.	2,255,093	GALL, Brian R.	2,223,497
CYBERMIND INTERACTIVE EUROPE MULTI-MEDIA- SERVICE AG	2,255,195	ECKSTINE, Dennis W.	2,255,105	GALLEY, Guido	2,255,171
DAINIPPON INK AND CHEMICALS, INC.	2,255,333	ECKSTINE, Dennis W.	2,255,111	GAMMON, Peter Henry Firth	2,223,922
DALEY, Howard	2,254,660	ECKSTINE, Dennis W.	2,255,233	GANCHAS DE CARVALHO, Alexandre José	2,223,373
DANKO, Thomas	2,252,143	ECKSTINE, Dennis W.	2,255,234	GARON, Richard	2,223,806
DATALOG TECHNOLOGY INC.	2,223,662	ECO WASTE SOLUTIONS INC.	2,255,110	GAUDIN, Jocelyn	2,255,402
		EGGERS, Holger	2,254,680	GAUKER, Bradford K.	2,255,239
		ELF ATOCHEM NORTH AMERICA, INC.	2,233,528	GAUTHIER, Michel	2,224,046
		ELF ATOCHEM S.A.	2,253,761		
		ELSHEIKH, Maher Y.	2,233,528		

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GEMTRON CORPORATION	2,254,660	HIGASHIO, Kanji	2,254,949	ISHINAGA, Hiroyuki	2,255,405
GENERAL ELECTRIC CANADA INC.	2,231,371	HINKIE, Ronald L.	2,254,621	ISOVER SAINT-GOBAIN	2,255,400
GERBER, Nevin D.	2,254,710	HINO, Harumichi	2,255,004	ISSHIKI, Minoru	2,255,328
GERVAIS, Rolland	2,218,280	HIRAI, Etsuro	2,255,136	ITE, INC.	2,245,320
GIBROS PEC B.V.	2,255,218	HIRAI, Etsuro	2,255,138	IYER, Rajiv	2,253,954
GIRARDIN, Bernard	2,255,343	HIROKI, Tomoyuki	2,255,082	JACKSON, John E.	2,255,282
GOLL, Steven Jeffrey	2,254,698	HIROKI, Tomoyuki	2,255,405	JADOUL, Marc	2,253,720
GOLUB, Gilad	2,240,446	HIRSCH, Walter	2,252,935	JAMESON, William M.	2,253,108
GONZENBACH, Hans Ulrich	2,254,585	HIRTH, David E.	2,255,253	JANABI, Talib	2,254,763
GOOD, George E.	2,255,032	HO, C.S.	2,217,196	JANSSEN, Karin	2,255,164
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GRAZIER, Clifford	2,223,782	HOLLINGSHEAD, Richard	2,217,783	JDS FITEL INC.	2,253,954
Great Pacific Enterprises Inc.	2,223,071	HOLLINGSHEAD, Wayne	2,217,783	JENCK, François	2,255,171
GREEN, Marvin L.	2,253,699	HOLT, Jeffrey T.	2,218,197	JENSEN, Roy A.	2,218,197
GRIFFITHS, Lynette Robyn	2,223,368	HOLTSCHE, Thomas	2,252,970	JERVIS B. WEBB COMPANY	2,255,176
GROBKE, Katrin	2,255,180	Home Access Designs Inc.	2,226,589	Ji, Yu-Hua	2,255,180
GROMELSKI, Stanley J.	2,254,710	HOMMA, Michio	2,255,322	JIANG, Shou-Huey	2,252,239
GROSS, Manfred	2,246,067	HONOLD, Konrad	2,252,970	JIANG, Shou-Huey	2,252,248
GROVE U.S. L.L.C.	2,255,093	HOPFNER, Karl-Peter	2,254,647	JOHNSON, Andrew	2,252,021
GROVE U.S. L.L.C.	2,255,105	HORI, Kazuma	2,255,322	JOHNSON, Andrew	2,252,074
GROVE U.S. L.L.C.	2,255,111	HORRER, Matthias	2,252,974	JUNGK, Klaus	2,255,218
GROVE U.S. L.L.C.	2,255,233	HORSEY, Douglas Wayne	2,254,663	KABUSHIKI KAISHA KANEDA KIKAI	
GROVE U.S. L.L.C.	2,255,234	HOSHINO, Tatsuo	2,253,023	SEISAKUSHO	2,246,877
GROVER, Donald D.	2,223,340	HOSHINO, Tatsuo	2,255,099	KABUSHIKI KAISHA TOSHIBA	2,254,800
GUBBELS, Roger D.	2,238,355	HOSODA, Hiromi	2,254,800	KABUSHIKI KAISHA TOYODA JIDOSHOKKI	
GUNZE KOBUNSHI CORPORATION	2,255,095	HOVIONE INTER LTD.	2,223,373	SEISAKUSHO	2,254,729
G-W MANUFACTURING CO., INC.	2,254,586	HUANG, Bao-Guo	2,254,448	KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO	2,255,214
HA, Sang-Wook	2,255,248	HUBER, Hans	2,254,630	KADAR, Vincent	2,223,123
HAAN, Ralph	2,255,181	HUBER, Robert	2,254,647	KADOKURA, Mamoru	2,255,164
HAGUE, Anthony M.	2,223,359	HUBSCHER, Darin	2,223,782	KADOKURA, Mamoru	2,255,207
HALBACH, Wulf R.	2,255,195	HUDSON, Robert L.	2,252,953	KAGITANI, Toshio	2,254,622
HALLIBURTON ENERGY SERVICES, INC.	2,254,621	HUSKY INJECTION MOLDING SYSTEMS LTD.	2,249,874	KALHOK, David	2,223,338
HAMADA, Mana	2,254,753	HUTCHIN, Richard A.	2,255,197	KALHOK, David	2,223,339
HAMMOND, Kerry	2,234,340	HWANG, Chong-Fure Robin	2,254,696	KALHOK, David	2,223,345
HAN, Dong-hee	2,254,836	HWANG, Chong-Fure Robin	2,255,078	KALHOK, David	2,255,276
HAN, Kwang-Hee	2,255,136	HYDRO-QUÉBEC	2,223,562	KANEKA BELGIUM N.V.	2,255,164
HAN, Kwang-Hee	2,255,138	HYDRO-QUÉBEC	2,224,046	KANEKA BELGIUM N.V.	2,255,207
HAN, Kwang-Hee	2,255,250	IKEDA, Masami	2,255,082	KANEKA CORPORATION	2,255,164
HAN, Kwang-Hum	2,255,136	IKEDA, Masami	2,255,405	KANEKA CORPORATION	2,255,207
HAN, Seung-kwon	2,254,836	IKOMA, Yoshinori	2,253,006	KANEKA CORPORATION	2,255,328
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HANSEN, George Clayton	2,254,604	IMANAKA, Yoshiyuki	2,255,082	KAPER, Lloyd	2,254,660
HANSEN, George Clayton	2,254,605	IMANAKA, Yoshiyuki	2,255,405	KARRER, Robert B.	2,223,811
HARDWICK, John Clark	2,254,567	INABA, Tadanobu	2,255,325	KARSTEN MANUFACTURING CORPORATION	2,254,014
HAROLD, Vincent	2,254,532	INCO LIMITED	2,254,604	KARSTEN MANUFACTURING CORPORATION	2,254,184
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HARTLEY, William R.	2,254,276	INGENIERIA TECNICA CM, S.L.	2,255,266	KATO, Osamu	2,254,583
Hasbro, Inc.	2,223,665	Inland Technologies Inc.	2,223,922	KATO, Yoshihito	2,254,800
HATHORN, Linda	2,254,723	INNOVATIVE FORMULATIONS	2,255,216	KATSNELSON, Gennady	2,240,446
HAUSCHILD, Sidney Fred	2,247,000	INSTITUT FRANÇAIS DU PÉTROLE	2,253,763	KATZ, Paul H.	2,254,723
HAUSLADEN, Michael C.	2,254,448	INVENT GMBH - ENTWICKLUNG NEUER TECHNOLOGIEN	2,254,288	KATZ, Paul H.	2,254,732
HAYASHI, Masaki	2,254,583	IRLE, Christoph	2,254,603	KATZ, Paul H.	2,254,736
HAYBALL, Clive Colin	2,254,821	IRWIN, Phillip Edward	2,217,791	KATZ, Paul H.	2,254,739
HAZEWINKEL, Jacob Hendrik Obbo	2,255,218	ISEBRAND, Scott Darrell	2,254,738	KAWAMIZU, Tsutomu	2,255,248
HERRMANN, Bob	2,254,660	ISHIKAWA, Kazuo	2,254,729	KAWAMIZU, Tsutomu	2,255,389
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KAYA, Akira	2,255,389	LADUC, John W.	2,246,053	LUI, Dangrong R.	2,254,676
KAZIL, Otto	2,223,353	LAFOND, André	2,223,335	LUND, Klaus	2,254,680
KEEGAN, Patrick J.	2,254,990	LAGER, Thomas Michael	2,251,177	LUNDY, Daniel E.	2,249,527
KENISON, Steven M.	2,245,320	LAGER, Thomas Michael	2,251,200	LUNDY, Daniel E.	2,249,697
KENNEDY, Michael	2,254,732	LAGRANGE, Alain	2,253,678	LUNDY, Daniel E.	2,252,240
KENNEDY, Michael	2,254,736	LAING, Murray Robert	2,223,352	LUNDY, Daniel E.	2,254,797
KENNEDY, Michael	2,254,739	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD	2,254,191	MACDONALD, Gregory Allen	2,251,177
KESKA, Tadeusz W.	2,223,665	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD	2,254,524	MACDONALD, Gregory Allen	2,251,200
KEYWORTH, Barrie	2,253,954	LAIRD, Donald	2,223,306	MACHURICK, Michael Andrew	2,251,177
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KHANIN, David	2,255,173	LAMOTHE, Luc	2,263,786	MACK, Charles H.	2,254,721
KHOKHAR, Wasim	2,254,861	LANGE, Richard M.	2,254,614	MAHONEY, Walter C.	2,253,633
KHOT, Homa	2,223,817	LANGE, Richard M.	2,254,646	MANABE, Akiyoshi	2,223,364
KIMBERLY-CLARK WORLDWIDE, INC.	2,251,172	LASKEY, James R.	2,253,108	MAORTUA RUIZ LOPEZ, Carlos	2,255,266
KIMBERLY-CLARK WORLDWIDE, INC.	2,251,177	LAU, Edmund Kwok-Leung	2,254,663	MARINIELLO, Anthony M.	2,251,480
KIMBERLY-CLARK WORLDWIDE, INC.	2,251,200	LAYNE, James L.	2,254,168	MARKAU, Ursula	2,252,968
KIMBERLY-CLARK WORLDWIDE, INC.	2,252,953	LAYNE, James L.	2,254,171	MARSHALL, John	2,254,706
KING, Mary-Claire	2,218,197	LECOMTE, Patrice	2,253,763	MARTIN, Frank E.	2,255,078
KISHI, Tadakatsu	2,255,322	LECONTE, Alain	2,255,400	MARTIN, Richard L.	2,255,032
KLEIN, Harald	2,255,278	LECROC, Dominique	2,252,910	MARUOKA, Toshiaki	2,255,095
KLIN, James R.	2,249,725	LEDET, Brent A.	2,255,244	MASUDA, Setsuko	2,255,099
KNORS, Christopher J.	2,254,537	LEE, Jae-Young	2,255,136	MATSUDA, Naohiko	2,255,250
KNORS, Christopher John	2,254,696	LEE, Jae-Young	2,255,138	MATSUNAMI, Midori	2,255,095
KNOWLES, Steven M.	2,255,018	LEE, Jae-Young	2,255,243	MATSUO, Masatoshi	2,254,753
KNOWLTON, Barry	2,255,110	LEE, Jae-Young	2,255,250	MATSUOKA, Mitsuo	2,223,164
KOBAYASHI, Masayuki	2,255,004	LEE, Joo-Seung	2,255,250	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,254,583
KOENIGKRAMER, Rusty	2,255,162	LEE, Seung-Sam	2,255,248	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,254,753
KOLBE, Bärbel	2,246,067	LEGAT, Denis	2,253,682	MATTE, Sylvain	2,223,770
KOLMANOVSKY, Ilya	2,254,527	LEGRAND	2,253,681	MATTE, Sylvain	2,255,022
KOMATSU, Akira	2,253,006	LEGRAND SNC	2,253,681	MAUGER, Roy Harold	2,254,821
KOMATSUBARA, Noboru	2,255,322	LERICHE, Albert	2,253,682	McBRIDE, Brian A.	2,251,480
KONEFAL, Robert S.	2,254,568	LEUNG, Alexander Man-Chung	2,223,364	McCAVOUR, Thomas C.	2,254,595
KONG, Phoenix Kuo	2,223,301	LEUNG, Kin K.	2,253,123	MCCRAW, Kevin Noel	2,254,863
KOPETZKI, Erhard	2,254,647	LEYRER, Jürgen	2,255,278	MCCULLOUGH, Byron	2,223,802
KOROPATNICK, Andrew Grant	2,255,185	LI, Richard Qi	2,254,708	McDONNELL, Peter Colon	2,223,075
KOROPATNICK, Esther	2,255,185	LI, Shih Lin	2,223,926	McGILL UNIVERSITY	2,223,117
KOSAKA, Eiji	2,252,123	LIEUWEN, Daniel Francis	2,251,574	McGILL UNIVERSITY	2,223,216
KOSAKA, Eiji	2,252,240	LIEUWEN, Daniel Francis	2,251,581	McGILL UNIVERSITY	2,255,382
KOTHRAD, Stephan	2,253,695	LIN, Yow-Jian	2,252,018	MCGONIGLE, Brian	2,252,971
KOTHRAD, Stephan	2,253,700	LIU, Wun-Hui	2,223,622	MCKECHNIE UK LIMITED	2,255,013
KOUHASHI, Yasuo	2,254,753	LIVINGSTON, Peter M.	2,255,170	McKENNA, Mark H.	2,223,359
KRAFT FOODS, INC.	2,254,698	LIVINGSTONE, Peter M.	2,255,198	MEDEIROS, Steven Robert	2,252,239
KRANTZ-TKT GMBH	2,255,238	LONGORIA, Jose L.	2,245,320	MEDEIROS, Steven Robert	2,252,248
KREMER, Wolfgang	2,254,603	L'ORÉAL	2,253,678	MELLUL, Myriam	2,253,683
KRESAK, Paul Fedor	2,249,874	L'ORÉAL	2,253,680	MENIN, Gilberto	2,254,598
KREUZER, Thomas	2,255,278	L'ORÉAL	2,253,683	MENPHIS S.R.L.	2,254,598
KRISHNAN, Balakrishnan Rajendra	2,253,011	LOTENS, Jan Pieter	2,255,218	MENSCH, William A.	2,255,176
KRUPP UHDE GMBH	2,246,067	LOX, Egbert	2,255,278	MENZEL, Johannes	2,246,067
K-TER IMAGINEERING, INC.	2,238,355	LUCENT TECHNOLOGIES INC.	2,251,574	Mercor Dental Products Inc.	2,223,359
KUBICA, Daniel J.	2,254,014	LUCENT TECHNOLOGIES INC.	2,251,581	MICHEL, Camille	2,223,346
KUBICA, Daniel J.	2,254,184	LUCENT TECHNOLOGIES INC.	2,252,018	MICHEL, Camille	2,255,275
KUBOTA, Masahiko	2,255,082	LUCENT TECHNOLOGIES INC.	2,253,752	MICHOT, Christophe	2,223,562
KUBOTA, Masahiko	2,255,405			MICHOT, Christophe	2,224,046
KUHN, Stephen R.	2,254,511			MIKI, Yasuhiro	2,255,164
KULA, Maria-Regina	2,253,021			MIKI, Yasuhiro	2,255,207
KUROHMARU, Shunichi	2,254,753			MILLER, Bertrum	2,253,699
KUURSTRA, John	2,223,666			MIN, Kyung-Zoon	2,255,136
KWASNIEWSKI, Dale	2,255,117			MIN, Kyung-Zoon	2,255,243
				MIN, Kyung-Zoon	2,255,248
				MIN, Kyung-Zoon	2,255,389
				MINER, Steve	2,238,355

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MITSUBISHI HEAVY INDUSTRIES, LTD.	2,255,248	NICHIGO MORTON CO., LTD.	2,254,684	PALLA, Mario	2,251,260
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,255,250	NICHIGO MORTON CO., LTD.	2,254,797	PANG, Kawai Peter	2,254,624
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,255,389	NICHOLS, Stacy W.	2,255,191	PAOLI, Pierre	2,223,657
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MIYAGUCHI, Shoji	2,254,045	NICK, Sascha	2,224,936	PEDERSEN, Peter	2,255,281
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MOCHIZUKI, Hiroyuki	2,255,004	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2,255,097	PESCHEL, Wolfgang	2,255,254
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MONARCH MARKING SYSTEMS, INC.	2,249,725	NOBLE, Randall B.	2,254,184	PFIZER PRODUCTS INC.	2,254,682
MONTFORT, Christophe	2,254,524	NOGAWA, Kuniharu	2,255,214	PFIZER PRODUCTS INC.	2,255,318
MONTROSE, Cameron A.	2,255,032	NORTHERN TELECOM LIMITED	2,249,154	PIERCY, Raymond	2,223,666
MONTROSE, Rodney G.	2,255,032	NORTHERN TELECOM LIMITED	2,252,239	PILON, Betty Jean	2,223,071
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MOORE, Bernard John	2,231,371	NORTHERN TELECOM LIMITED	2,252,407	POHL, Martina	2,253,021
MOREAU, Serge	2,254,524	NORTHERN TELECOM LIMITED	2,254,565	POHL, Werner	2,246,067
MORINAGA, Tomonori	2,254,949	NORTHERN TELECOM LIMITED	2,254,706	POLON, Jay	2,223,312
MORRIS, Brian James	2,223,368	NORTHERN TELECOM LIMITED	2,254,803	POLYAK, Mark	2,247,000
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MORROW, Timothy	2,254,532	NORTHERN TELECOM LIMITED	2,253,108	PORTWOOD, Gary Ray	2,254,741
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				RHEIN, David J.	2,255,239
				RICHARDSON, Christopher	2,246,240
				RICHTER, Bernd	2,255,195
				RIJNAARTS, Hubertus Henricus Martinus	2,255,817
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				ROBB, Jack J.	2,223,498
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SANFORD ACQUISITION COMPANY	2,255,117	SQUARE D COMPANY	2,224,921	TRW INC.	2,255,197
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WARNER, Anthony Edward			
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