

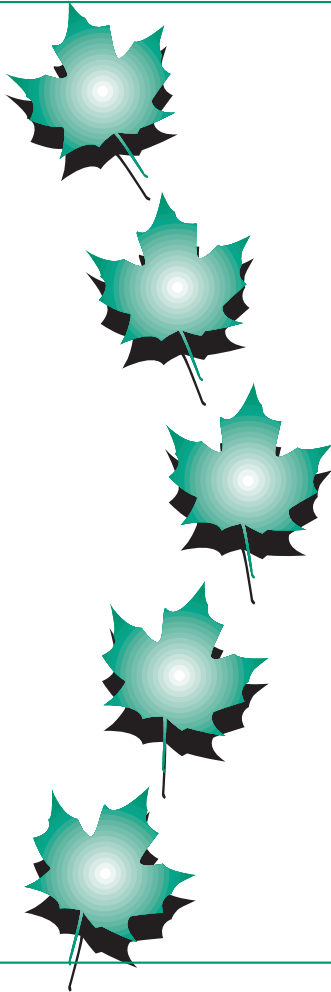


**Canadian
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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada

CIPO  OPIC

THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

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Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'au 31 mars, 2000, après quoi des frais s'appliqueront.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application

- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [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] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

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

Dates

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

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des 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] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée

- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris

- [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 ou avant

- [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] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

A complete list of country codes has been published in the issue of October 26, 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 26 octobre 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.

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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).

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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.

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E-mail: tic@micromedia.on.ca

Courriel: 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.

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. 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.

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. 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.

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.

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.

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. 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 in part 10 of these notices.

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.

2,039,365	2,041,595	2,137,046	2,160,839
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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. 1,139,900 which issued on January 18, 1983 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.

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).

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.

2,039,365	2,041,595	2,137,046	2,160,839
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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 18 janvier 1983 sont maintenant expirés, jusque et y compris le no. 1,139,900. 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. 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.

Avis

14. Patent Cooperation Treaty (PCT)

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

SCHEDULE OF FEES APPLICABLE AS OF JANUARY 01, 2000

BARÈME DE TAXES À PARTIR DU 1 JANVIER 2000

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a))	630.00
Amount for each additional sheet over 30	15.00

3. **Designation Fee:** (Rule 15.2(a)) 136.00
The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 10 countries are designated the fee remains \$1,088.00

4. **International Search Fee** 1,450.00
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

Preliminary Examination

6. **Handling Fee:** 287.51 Deutsche Marks
(Rule 57.2(a)) 147.00 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks
(Rule 58) 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 \$194.00 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))	630,00
Montant pour chaque feuille au delà de 30	15,00

3. **Taxe de désignation** (par pays) (Règle 15.2(a)) 136,00
Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 088,00 \$.

4. **Taxe de recherche internationale** 1 450,00
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

Examen préliminaire

6. **Taxe de traitement:** 287,51 marks allemands
(Règle 57.2(a)) 147,00 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands
(Règle 58) 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 194.00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Notices

15. 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, <http://www.wipo.int>).

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 200 Swiss Francs and 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>.

16. New Industrial Design Regulations

Notice is hereby given that on December 2, 1999, the Governor in Council approved the *Industrial Design Regulations*, which replaces the previous *Industrial Designs Rules (CRC, c. 964)*.

The new *Industrial Design Regulations* resulted in the Governor in Council having sole responsibility for the regulations; facilitated the introduction of electronic commerce and further included administrative requirements for filing dates, priority filings, registered proprietors, notification of appointment of agents, third party protests to a registration, postal addresses, paper size and copies.

The new *Industrial Design Regulations* are in effect as of December 15, 1999 and contained in Part II of the *Canada Gazette*, Vol. 133, No. 26, SOR/99-459 and SOR/99-460 on December 22, 1999. You may obtain a copy of this publication by contacting:

15. 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, <http://www.wipo.int>).

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 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - 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>.

16. Nouveau règlement sur les dessins industriels

Avis est, par la présente, donné qu'en date du 2 décembre, 1999, la gouverneure en conseil a approuvé le *Règlement sur les dessins industriels* remplaçant les *Règles sur les dessins industriels (CRC, c. 964)*.

Ce nouveau *Règlement* assure que la gouverneure en conseil est l'unique responsable pour toute modification au *Règlement*; il permet également le commerce électronique et clarifie les procédures administratives quant aux dates de dépôt, aux demandes prioritaires, aux propriétaires inscrits, aux avis de désignation de mandataires, aux protêts de tiers à l'endroit d'un enregistrement, aux adresses postales, au format de papier et à la fourniture de copies.

Le nouveau *Règlement* est en vigueur le 15 décembre 1999 et figure à la Partie II de la *Gazette du Canada*, Volume 133, No. 26, DORS/99-459 et DORS/99-460, en date du 22 décembre 1999. De plus, vous pouvez vous procurer un exemplaire de cette publication en vous adressant à :

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

<http://cipo.gc.ca>

17. Laid-Open Applications

The Patent Office Record of January 18, 2000 contains laid-open applications from December 26, 1999 - January 1, 2000.

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

<http://cipo.gc.ca>

17. 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 26 décembre 1999 - 1 janvier 2000.

Canadian Patents Issued

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[30] JP (248613/90) 1990-09-20

[11] **2,052,350**
[13] C

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[54] **COMPRESSEUR A VIS SANS FIN**
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[72] Hirano, Takahisa, JP
[72] Morita, Yoshiharu, JP
[73] MITSUBISHI JUKOGYO KABUSHIKI KAISHA, JP
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[30] JP (311082/1990) 1990-11-16

[11] **2,053,180**
[13] C

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[25] EN
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[54] **METHODE ET APPAREIL POUR LA PRODUCTION DE STRUCTURES DE DIAMANTS SYNTHETIQUES**
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[73] Norton Company, US
[22] 1991-10-10
[30] US (614,313) 1990-11-15

[11] **2,053,535**
[13] C

[51] **Int.Cl. 6A47C 31/12**
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[54] **INSTALLATION POUR SOUTENIR LES LATTES D'UN SOMMIER A LATTES**
[54] **SLAT SUPPORT SYSTEM FOR SLAT SPRING**
[72] Van Raemdonck, René, BE
[73] Complete Investments Limited, IE
[22] 1991-10-16
[30] EP (90871091.5) 1990-10-16

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[54] **CORRECTION DE FREQUENCE POUR SYSTEME RADIO NUMERIQUE**
[72] Lindell, Karl Bo, SE
[73] ERICSSON INC., US
[22] 1991-10-25
[30] US (07/604,141) 1990-10-26

[11] **2,054,726**
[13] C

[51] **Int.Cl. 6A61F 13/46**
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[54] **ARTICLE ABSORBANT JETABLE A BAS D'ABSORPTION**
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[72] Rönnerberg, Peter, SE
[73] SCA HYGIENE PRODUCTS AKTIEBOLAG, BE
[85] 1991-10-29
[86] 1990-05-15 (PCT/SE90/00324)
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[30] SE (8901739-6) 1989-05-16

[11] **2,054,916**
[13] C

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[54] **PRODUCTION OF REFLECTING OBJECTS**
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[72] Dauby, Christian, BE
[72] Somerhausen, Bernard, BE
[73] Glaverbel, BE
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[30] GB (91 08 009.3) 1991-04-16

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[13] C
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[54] **ACIER INOXYDABLE**
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[73] Armco Inc., US
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[13] C
[51] **Int.Cl. 6C12Q 1/68 6A61B 10/00 6G01N 33/483**
[25] EN
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[54] **METHODE DE PRESELECTION DU SEXE D'UN ENFANT**
[72] Johnson, Lawrence Arthur, US
[73] United States of America represented by the Secretary, U.S., US
[85] 1991-11-06
[86] 1990-04-30 (PCT/US90/02324)
[87] (WO90/13303)
[30] US (349,669) 1989-05-10

[11] **2,055,503**
[13] C
[51] **Int.Cl. 5C07F 9/10**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF L-.ALPHA.-GLYCERYLPHOSPHORYLCHOLINE AND OF L-.ALPHA.-GLYCERYLPHOSPHORYLETHANOLA MINE**
[54] **PROCEDE D'OBTENTION DE L-.ALPHA.-GLYCERYLPHOSPHORYLCHOLINE ET DE L-.ALPHA.-GLYCERYLPHOSPHORYLETHANOLA MINE**
[72] Tronconi, Giovanni, IT
[73] PRIME EUROPEAN THERAPEUTICALS S.p.A., IT
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[86] 1990-05-04 (PCT/EP90/00717)
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[30] IT (20413 A/89) 1989-05-08

[11] **2,058,515**
[13] C
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[25] EN
[54] **METHOD OF PREPARING BIOLOGICALLY ACTIVE REAGENTS FROM SUCCINIMIDE-CONTAINING POLYMERS, ANALYTICAL ELEMENT AND METHODS OF USE**
[54] **METHODE DE PREPARATION DE REACTIFS BIOLOGIQUEMENT ACTIFS A PARTIR DE POLYMERES RENFERMANT DU SUCCINIMIDE; METHODES D'UTILISATION ET APPLICATIONS ANALYTIQUES**
[72] Sutton, Richard Calvin, US
[72] Ponticello, Ignazio Salvatore, US
[72] Danielson, Susan Jean, US
[72] Oenick, Marsha D.Bale, US
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[30] US (646,303) 1991-01-25

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[13] C
[51] **Int.Cl. 5D04H 11/08**
[25] EN
[54] **METHOD AND DEVICE FOR MANUFACTURING TEXTILE PRODUCTS FROM FIBRES AND/OR FILAMENTS, PRODUCTS OBTAINED**
[54] **METHODE ET APPAREIL DE FABRICATION DE PRODUITS TEXTILES A PARTIR DE FIBRES ET (OU) DE FILAMENTS, ET PRODUITS AINSI OBTENUS**
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[72] Januzec, Gilles, FR
[73] SOMMER S.A., FR
[85] 1991-12-18
[86] 1990-06-25 (PCT/EP90/01028)
[87] (WO91/00382)
[30] FR (89/08773) 1989-06-30

[11] **2,060,144**
[13] C
[51] **Int.Cl. 5E21B 43/04**
[25] EN
[54] **APPARATUS FOR GRAVEL PACKING A WELL**
[54] **APPAREILLAGE POUR LA FORMATION DE MASSIFS FILTRANTS**
[72] Jones, Lloyd Garner, US
[72] Yeh, Charles Shiao-Hsiung, US
[72] Chow, Christopher Vincent, US
[73] MOBIL OIL CORPORATION, US
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[30] US (648,061) 1991-01-31

[11] **2,060,181**
[13] C
[51] **Int.Cl. 6A61B 6/03**
[25] EN
[54] **METHOD AND APPARATUS FOR COMPUTING TOMOGRAPHIC SCANS**
[54] **METHODE ET APPAREIL POUR ANALYSER LES SCANNOGRAPHIES**
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[72] Lange, Jory D., US
[73] W.L. Systems, Inc., US
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[11] **2,060,294**
[13] C
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[25] EN
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[54] **PELLICULE ADSORBEE PAR VOIE CHIMIQUE ET PROCEDE DE FABRICATION**
[72] Ogawa, Kazufumi, JP
[72] Mino, Norihisa, JP
[72] Soga, Mamoru, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1992-01-29
[30] JP (38134/1991) 1991-02-06
[30] JP (98902/1991) 1991-04-30

[11] **2,060,992**
[13] C
[51] **Int.Cl. 6C09K 3/00 6B05D 5/08**
[25] EN
[54] **METHOD OF PREVENTION OF ADHESION OF HOT-MIX ASPHALT TO CONTAINERS AND EQUIPMENT**
[54] **METHODE VISANT A PREVENIR L'ADHERENCE DE L'ASPHALTE MELANGE A CHAUD AUX PAROIS DES CONTENEURS OU A L'EQUIPEMENT**
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[72] Light, Terry John Sr., US
[73] ASPHALT CONTROL SYSTEMS, INC., US
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[13] C

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[54] **STEAM FOOD COOKING FACILITY**
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[73] SOCIETE CIVILE BK, FR
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[30] FR (91 03 494) 1991-03-22

[11] **2,064,799**
[13] C

[51] **Int.Cl. 6F23D 14/20 6F23D 17/00 6F23D 14/46**
[25] EN
[54] **BURNERS**
[54] **BRULEURS**
[72] Kirk, David Thomas, GB
[73] LANEMARK INTERNATIONAL LIMITED, GB
[85] 1992-02-14
[86] 1991-06-17 (PCT/GB91/00973)
[87] (WO91/19942)
[30] GB (9013368.7) 1990-06-15

[11] **2,065,033**
[13] C

[51] **Int.Cl. 6H01M 6/34**
[25] EN
[54] **SEA WATER BATTERY WITH METAL CATHODE AND METHOD FOR MAKING A CATHODE**
[54] **BATTERIE A L'EAU DE MER AVEC CATHODE METALLIQUE ET METHODE DE FABRICATION D'UNE CATHODE**
[72] Hasvold, Oistein, NO
[72] Garshol, Tor, NO
[72] Ostvold, Tom, NO
[73] DEN NORSKE STATS OLJESELSKAP A.S., NO
[85] 1992-02-20
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[30] NO (89 3338) 1989-08-21

[11] **2,067,347**
[13] C

[51] **Int.Cl. 6B01J 8/00 6B01J 47/00 6B01J 49/00 6B01J 8/02 6C02F 1/42**
[25] EN
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[54] **DISPOSITIF ASSURANT UN CONTACT PERMANENT LIQUIDE-SOLIDE**
[72] Matonte, Philip J., US
[73] Progress Water Technologies Corp., US
[85] 1992-04-07
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[87] (WO91/05705)
[30] US (424,819) 1989-10-20

[11] **2,068,521**
[13] C

[51] **Int.Cl. 6H01Q 9/16 6H01Q 9/28 6G01S 13/75**
[25] EN
[54] **END FED FLAT ANTENNA**
[54] **ANTENNE PLATE ALIMENTEE EN EXTREMITE**
[72] Nysen, Paul A., AU
[72] Nagel, Jon L., US
[73] X-CYTE, INC., US
[85] 1992-05-12
[86] 1990-11-13 (PCT/US90/06614)
[87] (WO91/07785)
[30] US (434,233) 1989-11-13

[11] **2,068,538**
[13] C

[51] **Int.Cl. 5G10K 11/36 5G01S 13/80**
[25] EN
[54] **INDUCTIVE INPUT/OUTPUT COUPLING FOR A SURFACE ACOUSTIC WAVE DEVICE**
[54] **COUPLAGE D'ENTREE/SORTIE INDUCTIF POUR DISPOSITIF A ONDES ACOUSTIQUES DE SURFACE**
[72] Nagel, Jon L., US
[73] X-CYTE, INC., US
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[11] **2,071,410**
[13] C

[51] **Int.Cl. 5B04C 3/06**
[25] EN
[54] **SEPARATOR**
[54] **SEPARATEUR**
[72] Stamp, Jeffrey, GB
[72] Bula, Eric Christopher, GB
[73] Pall Corporation, US
[22] 1992-06-17
[30] GB (9113165.6) 1991-06-18

[11] **2,072,099**
[13] C

[51] **Int.Cl. 5G01V 1/16 5G01V 1/38**
[25] EN
[54] **SEISMIC CABLE**
[54] **FLUTE SISMIQUE**
[72] Svenning, Björn, NO
[72] Berg, Eivind, NO
[73] DEN NORSKE STATS OLJESELSKAP A.S., NO
[85] 1992-04-24
[86] 1990-10-22 (PCT/NO90/00157)
[87] (WO91/06877)
[30] NO (894261) 1989-10-26

[11] **2,073,053**
[13] C

[51] **Int.Cl. 6G01S 5/10 6G01S 5/14**
[25] EN
[54] **DUAL SATELLITE NAVIGATION METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME DE NAVIGATION A SATELLITE DUAL**
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[72] Jacobs, Irwin M., US
[72] Weaver, Lindsay A., Jr., US
[72] Gilhouse, Klein S., US
[73] QUALCOMM INCORPORATED, US
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[30] US (446,979) 1989-12-05

[11] **2,073,949**
[13] C

[51] **Int.Cl. 6H02K 13/00 6H01R 39/06**
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[54] **ARMATURE COMPORTANT UN COMMUTATEUR TYPE DISQUE PLAN**
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[30] JP (3-202562) 1991-07-17

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[51] **Int.Cl. 6A47L 9/00**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
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[72] Son, Chang-Woo, FR
[72] Kang, Sang-Bo, FR
[73] DAEWOO ELECTRONICS CO., LTD.,
KR
[22] 1992-07-23
[30] KR (91-12898) 1991-07-26

[11] 2,074,694
[13] C

[51] **Int.Cl. 5B29C 45/20**
[25] EN
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INSERT
[54] **PIECE DE BUSE POUR MOULAGE**
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[73] GELLERT, JOBST ULRICH, CA
[22] 1992-07-27

[11] 2,075,855
[13] C

[51] **Int.Cl. 6G01B 5/20 6H01L 21/68**
[25] EN
[54] **SCANNING MICROSCOPE**
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MEANS
[54] **MICROSCOPE A BALAYAGE A**
DETECTEUR DE FORCE
[72] Betzig, Robert Eric, US
[73] AMERICAN TELEPHONE AND
TELEGRAPH COMPANY, US
[22] 1992-08-12
[30] US (787,298) 1991-11-04

[11] 2,076,054
[13] C

[51] **Int.Cl. 6D21H 21/40 6D21H 19/56**
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[25] EN
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DOCUMENTS HAVING HIGH
PRINTABILITY AND HIGH HANDLING
RESISTANCE
[54] **FEUILLE POUR DOCUMENTS DE**
SECURITE AYANT UNE
IMPRIMABILITE ELEVEE AINSI
QU'UNE RESISTANCE ELEVEE A LA
CIRCULATION
[72] Vallee, Antoine, FR
[72] Halope, Christophe, FR
[72] Farber, Wolfgang, AT
[72] Fajmann, Peter, AT
[73] ARJO WIGGINS S.A., FR
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[86] 1991-02-08 (PCT/FR91/00097)
[87] (WO91/12372)
[30] FR (90/01499) 1990-02-09
[30] FR (90/13310) 1990-10-26

[11] 2,076,190
[13] C

[51] **Int.Cl. 6B07C 9/00**
[25] EN
[54] **MODULAR SYSTEM FOR**
AUTOMATICALLY STAGING
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LETTER SORTING MACHINE
[54] **MECANISME MODULAIRE DE**
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A UNE MACHINE A TRIER
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[72] Hueman, Dennis G., US
[72] Hrica, James P., US
[72] Kirby, Rodney O., US
[73] HK SYSTEMS, INC., US
[22] 1992-08-14
[30] US (886,133) 1992-05-20

[11] 2,077,932
[13] C

[51] **Int.Cl. 6F02K 9/90**
[25] FR
[54] **INVERSEUR DE POUSSEE DE**
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[54] **TURBOJET THRUST INVERTER**
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[73] Hispano-Suiza, FR
[22] 1992-09-10
[30] FR (91.11192) 1991-09-11

[11] 2,078,180
[13] C

[51] **Int.Cl. 5B29C 45/74 5H01R 9/03**
5H01R 4/36
[25] EN
[54] **INJECTION MOLDING NOZZLE**
HAVING AN ELECTRICAL TERMINAL
WITH AN INSULATIVE CONNECTOR
[54] **BUSE DE MOULAGE PAR**
INJECTION A ELEMENT CHAUFFANT
A CONNECTEUR ISOLANT
[72] Renwick, Craig W., CA
[73] MOLD-MASTERS LIMITED, CA
[22] 1992-09-10

[11] 2,078,661
[13] C

[51] **Int.Cl. 5B03C 3/28**
[25] EN
[54] **FILTER**
[54] **FILTRE**
[72] Hoppitt, Bernard, GB
[72] Engvall, Bo, SE
[73] Interfilta Limited, GB
[85] 1992-09-18
[86] 1991-03-19 (PCT/GB91/00423)
[87] (WO91/14503)
[30] GB (9006146.6) 1990-03-19

[11] 2,079,093
[13] C

[51] **Int.Cl. 5H04L 12/26 5H04Q 1/20**
5H04Q 1/24 5H04L 12/50
[25] EN
[54] **METHOD AND SYSTEM FOR**
AUTOMATICALLY DISPLAYING AND
CONFIGURING A NETWORK
MONITORING SYSTEM
[54] **METHODE ET SYSTEME POUR**
CONFIGURER AUTOMATIQUEMENT
UN SYSTEME DE SURVEILLANCE DE
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CONFIGURATION RESULTANTE
[72] Hotka, Michael A., US
[73] ALCATEL NETWORK SYSTEMS,
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[30] US (7-858,296) 1992-03-26

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[11] **2,079,427**
[13] C

[51] **Int.Cl. 6C08L 67/00 6C09D 167/00 6C08L 41/00 6B01J 31/02**
[25] EN
[54] **THERMOSETTING COMPOSITIONS, THERMAL LATENT ACID CATALYSTS, METHOD OF COATING AND COATED ARTICLES**
[54] **COMPOSITIONS THERMODURCISSABLES, CATALYSEURS ACIDES THERMIQUES LATENTS, METHODE D'ENDUCTION ET ARTICLES AINSI ENDUITS**
[72] Ishidoya, Masahiro, JP
[72] Shibato, Kishio, JP
[72] Komoto, Keiji, JP
[72] Shibamoto, Kenji, JP
[72] Mashita, Mitsuyuki, JP
[72] Ohe, Osamu, JP
[73] NOF Corporation, JP
[22] 1992-09-29
[30] JP (283514/1991) 1991-10-03
[30] JP (283515/1991) 1991-10-03
[30] JP (287130/1991) 1991-10-07
[30] JP (287129/1991) 1991-10-07
[30] JP (91985/1992) 1992-03-18
[30] JP (92240/1992) 1992-03-18
[30] JP (97058/1992) 1992-03-24
[30] JP (97057/1992) 1992-03-24
[30] JP (97055/1992) 1992-03-24
[30] JP (255847/1992) 1992-08-31

[11] **2,079,627**
[13] C

[51] **Int.Cl. 5C02F 1/66 5C02F 1/52 5C02F 1/58**
[25] EN
[54] **SEPARATION OF HEAVY METALS FROM WASTE WATER OF THE TITANIUM DIOXIDE INDUSTRY**
[54] **SEPARATION DE METAUX LOURDS DES EAUX USEES DE L'INDUSTRIE DE L'ANHYDRIDE TITANIQUE**
[72] Schinkitz, Dieter, DE
[73] KRONOS INTERNATIONAL, INC., DE
[22] 1992-10-01
[30] DE (P4132679.2) 1991-10-01

[11] **2,080,922**
[13] C

[51] **Int.Cl. 6B28D 1/22 6B28D 7/04 6G01B 3/14 6B23Q 17/20 6B23Q 1/28**
[25] EN
[54] **MEASURING AND CUTTING APPARATUS**
[54] **APPAREIL POUR MESURER ET COUPER**
[72] Hepworth, Paul Steabben, GB
[73] Plasplugs Limited, GB
[85] 1992-10-19
[86] 1991-04-22 (PCT/GB91/00626)
[87] (WO91/16184)
[30] GB (9008858.4) 1990-04-20

[11] **2,081,727**
[13] C

[51] **Int.Cl. 5C09K 5/00 5C23F 11/12 5C23F 11/167**
[25] EN
[54] **DIPHOSPHONATES AS CORROSION INHIBITORS FOR ANTIFREEZE COOLANTS AND OTHER FUNCTIONAL FLUIDS**
[54] **DIPHOSPHONATES EN TANT QU'INHIBITEURS DE CORROSION POUR ANTIGELS ET LIQUIDES DE REFROIDISSEMENT, ET AUTRES FLUIDES FONCTIONNELS**
[72] Hirozawa, Stanley T., US
[72] Turcotte, David E., US
[72] Welch, Michael C., US
[73] BASF CORPORATION, US
[22] 1992-10-29
[30] US (07/784,846) 1991-10-30

[11] **2,082,025**
[13] C

[51] **Int.Cl. 6B65D 47/36**
[25] EN
[54] **DISPOSABLE CUP LID HAVING A TEAR-RESISTANT STRAW SLOT**
[54] **COUVERCLE DE TASSE JETABLE COMPRENANT UNE FENTE POUR PAILLE ET RESISTANT AUX DECHIRURES**
[72] Rush, Jonathan E., US
[72] Linnander, Robert J., US
[73] James River Corporation of Virginia, US
[22] 1992-11-03
[30] US (787,639) 1991-11-04

[11] **2,083,317**
[13] C

[51] **Int.Cl. 6C23C 8/38 6B32B 15/00 6B32B 31/20**
[25] EN
[54] **PLASMA ION NITRIDED STAINLESS STEEL PLATES AND METHOD FOR THE MANUFACTURE AND USE OF SAME**
[54] **ACIER INOXYDABLE NITRURE AU PLASMA, EN FEUILLES, ET METHODE DE FABRICATION ET D'UTILISATION**
[72] Laurence, Kenneth J., US
[72] Kieferle, Wolfgang, DE
[73] FORMICA CORPORATION, US
[22] 1992-11-19
[30] US (07/810244) 1991-12-19

[11] **2,083,831**
[13] C

[51] **Int.Cl. 5G03G 15/00**
[25] EN
[54] **PROCESS CARTRIDGE, RECORDING APPARATUS, AND METHOD FOR ASSEMBLING PROCESS CARTRIDGE**
[54] **CARTOUCHE DE TRAITEMENT, APPAREIL ENREGISTREUR ET METHODE D'ASSEMBLAGE DE LA CARTOUCHE**
[72] Yashiro, Masahiko, JP
[73] CANON KABUSHIKI KAISHA, JP
[85] 1992-11-25
[86] 1992-04-10 (PCT/JP92/00450)
[87] (WO92/18910)
[30] JP (3-77606) 1991-04-10

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[13] C

[51] Int.Cl. 6C07C 275/00 6C08G 18/32
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PROCESS FOR PRODUCTION
THEREOF AND HIGH HEAT
RESISTANT POLYURETHANEUREA
AND PROCESS FOR PRODUCTION
THEREOF
[54] COMPOSES DE DIAMINOUREE ET
PROCEDE POUR LES PREPARER ET
POLYURETHANE-UREE RESISTANT
AUX HAUTES TEMPERATURES ET
PROCEDE POUR LA PREPARER
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[73] ASAHI KASEI KOGYO KABUSHIKI
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[30] JP (3-106496) 1991-04-12

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[13] C

[51] Int.Cl. 6C09D 167/02 6C08K 7/00
6C09D 161/24 6C09D 161/28 6B05D 1/38
[25] EN
[54] AQUEOUS COATING
COMPOSITION, IN PARTICULAR FOR
COATING FINISH FILMS AND
CONTINUOUS EDGES AND PROCESS
FOR COATING FINISH FILMS AND
CONTINUOUS EDGES
[54] COMPOSITION AQUEUSE DE
REVETEMENT, DESTINEE EN
PARTICULIER A DES PELLICULES DE
PROTECTION ET A DES BORDS
CONTINUS, ET PROCEDE
PERMETTANT D'OBTENIR DE
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[30] DE (P 40 24 835.6) 1990-08-04

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[13] C

[51] Int.Cl. 5C12N 15/29 5A01H 4/00
5A01H 5/00 5C12N 5/10 5C12N 15/82
[25] EN
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[54] PRODUITS VEGETAUX
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[72] Kim, Sung-Hou, US
[72] Cho, Joong M., US
[72] Penarrubia, Lola, US
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[13] C

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COMPOSITION THEREFOR
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[73] PHILLIPS PETROLEUM COMPANY,
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[51] Int.Cl. 5C08L 77/06 5C08L 33/02
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[25] EN
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[72] Ikejiri, Fumitoshi, JP
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[51] Int.Cl. 5C08G 83/00 5C09D 17/00
5C08F 8/00 5C09D 201/02
[25] EN
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[54] AGENTS DISPERSANTS DE
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[13] C

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[25] EN
[54] **FAIL-SAFE AUTOMATIC SHUT-DOWN APPARATUS AND METHOD FOR HIGH OUTPUT POWER OPTICAL COMMUNICATIONS SYSTEM**
[54] **METHODE ET APPAREIL D'ARRET AUTOMATIQUE EN CAS DE DEFAILLANCE POUR SYSTEMES DE TELECOMMUNICATION PAR FIBRE OPTIQUE A HAUTE PUISSANCE DE SORTIE**
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[13] C

[51] **Int.Cl. 6C11D 1/62 6C23G 5/02 6C11D 3/43**
[25] FR
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[54] **COMPOSITIONS FOR DEWETTING OR DEGREASING SOLID SURFACES**
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[72] Bousaguet, Jean-Charles, FR
[72] Desbiendras, Daniel, FR
[72] Fouquay, Stéphane, FR
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[25] EN
[54] **A CONSTANT CURRENT AND CONSTANT VOLTAGE REGULATING CIRCUIT FOR COMMON-BASE OR COMMON-GATE TRANSISTOR DEVICES**
[54] **UN CIRCUIT REGULATEUR DE COURANT ET DE TENSION POUR TRANSISTORS A BASE COMMUNE OU A GRILLE COMMUNE**
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[25] EN
[54] **METHOD OF EXTRACTING DATA WORDS FROM A BINARY SERIAL BIT STREAM**
[54] **METHODE D'EXTRACTION DE MOTS DE DONNEES INCORPORES A UNE CHAINE BINAIRE SERIE**
[72] Ching, Philip B. F., CA
[73] MITEL CORPORATION, CA
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[11] **2,100,940**
[13] C

[51] **Int.Cl. 6B05B 15/12**
[25] EN
[54] **SCRUBBER WATER HANDLING SYSTEM FOR PAINT SPRAY BOOTHS**
[54] **CIRCUIT DE CIRCULATION DE L'EAU ALIMENTANT DES CABINES DE PULVERISATION**
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[13] C

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[54] **MESURE DES VITESSES D'ECOULEMENT DE GAZ ET/OU DES QUANTITES QUI PEUVENT EN ETRE DERVIVEES**
[72] Mäyränen, Tarmo, FI
[72] Koukkari, Sauli, FI
[72] Hiismäki, Pekka, FI
[72] Knuutila, Matti, FI
[72] Käll, Leif, FI
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[51] **Int.Cl. 5B44F 1/12**
[25] EN
[54] **SECURITY PAPER WITH COLOR MARK**
[54] **PAPIER INFALSIFIABLE AVEC MARQUAGE COULEUR**
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[25] EN
[54] **SEGMENTED GUARD BAR WITH IMPROVED SKIN FLOW CONTROL**
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[73] NEC CORPORATION, JP
[22] 1993-09-01
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[13] C

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[54] CELL SWITCHING SYSTEM NODE RESEQUENCING DEVICE
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[11] 2,106,280
[13] C

[51] Int.Cl. 6G06F 11/00
[25] EN
[54] APPARATUS AND METHODS FOR FAULT-TOLERANT COMPUTING EMPLOYING A DAEMON MONITORING PROCESS AND FAULT-TOLERANT LIBRARY TO PROVIDE VARYING DEGREES OF FAULT TOLERANCE
[54] APPAREIL ET METHODES DE TRAITEMENT INSENSIBLE AUX DEFAILLANCES FAISANT APPEL A UN PROCESSUS DE SURVEILLANCE PAR DEMON ET UNE BIBLIOTHEQUE INSENSIBLE AUX DEFAILLANCES EN VUE D'OFFRIR DIFFERENTS DEGRES D'INSENSIBILITE AUX DEFAILLANCES
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[11] 2,107,199
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[13] C

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[25] EN
[54] THERMOCHROMIC OPAQUE COMPOSITION, LAMINATE MEMBER EMPLOYING THE SAME, AND THREE DIMENSIONAL MEMBER EMPLOYING SAID LAMINATE MEMBER AND CAPABLE OF CONCEALING AND REVEALING THE INTERIOR
[54] COMPOSITION THERMOCHROME OPAQUE, MATERIAU LAMELLE FABRIQUE A PARTIR DE LA COMPOSITION ET ARTICLE A TROIS DIMENSIONS FABRIQUE A PARTIR DU MATERIAU
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[30] US (07/957,662) 1992-10-07

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[13] C

[51] Int.Cl. 6A61K 31/715
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[25] EN
[54] **MICROCELL INCLUDING REMOTE RADIO CHANNEL UNITS HAVING A METALLIC MICROCELL-MACROCELL WIRE LINK TO A MACROCELL RADIO CONTROL COMPLEX**
[54] **MICROCELLULE A UNITES RADIO RELIEE A UN CENTRE DE CONTROLE RADIO DE MACROCELLULE PAR UN CONDUCTEUR METALLIQUE**
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[51] **Int.Cl. 5G09F 19/00**
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[54] **INTERLOCKING PLASTIC DISPLAY**
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[87] (WO91/19285)
[30] US (534/447) 1990-06-06

[11] **2,113,871**
[13] C

[51] **Int.Cl. 6C12P 19/56 6C12P 29/00 6C12N 1/20**
[25] EN
[54] **A STRAIN OF STREPTOMYCES LAVENDOFOLIAE DKRS AND A METHOD FOR PRODUCING ACLACINOMYCINS A,B,Y AND AGLYCONES USING THE SAME**
[54] **SOUCHE DE STREPTOMYCES LAVENDOFOLIAE DKRS ET METHODE DE PRODUCTION D'ACLACINOMYCINES A, B ET Y ET D'AGLYCONES A L'AIDE DE CETTE SOUCHE**
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[72] Kim, Wan S., KR
[72] Kim, Myung K., KR
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[72] Saburoba, L. A., RU
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[11] **2,113,988**
[13] C

[51] **Int.Cl. 5F02F 1/42**
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[54] **SYSTEME D'ADMISSION POUR MOTEUR A COMBUSTION INTERNE**
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[30] JP (141684/93) 1993-06-14

[11] **2,114,374**
[13] C

[51] **Int.Cl. 6G06F 13/38**
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[54] **SYSTEME DE TRAITEMENT D'INFORMATIONS POUR REALISER UNE MULTIPLICITE D'ACCES A UN BUS**
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[11] **2,114,993**
[13] C

[51] **Int.Cl. 6C09D 201/06 6C09D 177/00 6C09D 175/04**
[25] FR
[54] **PEINTURES A BASE DE POUDES DE POLYAMIDES DESTINEES AU REVETEMENT DE PROFILES PVC**
[54] **POLYAMIDE POWDER-BASED PAINTS FOR COATING PVC PROFILES**
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[72] Moulin, Thierry, FR
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[13] C

[51] **Int.Cl. 6H01J 29/98**
[25] EN
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[54] **DISPOSITIF ET METHODE DE FORMATION D'IMAGES**
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[72] Osada, Yoshiyuki, JP
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[25] EN
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[54] **COMPOSITION ET METHODE D'ADOUCCISSEMENT DES HYDROCARBURES**
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[73] Sweet Chem Corp., US
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[11] **2,117,936**
[13] C
[51] **Int.Cl. 6G06F 11/20 6H03K 19/007 6G05B 13/02**
[25] EN
[54] **LOGIC CIRCUIT HAVING ERROR DETECTION FUNCTION, REDUNDANT RESOURCE MANAGEMENT METHOD, AND FAULT TOLERANT SYSTEM USING IT**
[54] **CIRCUIT LOGIQUE A FONCTION DE DETECTION DES ERREURS, METHODE DE GESTION DE RESSOURCES REDONDANTES ET SYSTEME INSENSIBLE AUX DEFAILLANCES UTILISANT CE CIRCUIT**
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[72] Sato, Yoshimichi, JP
[72] Tashiro, Korefumi, JP
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[30] JP (5-258013) 1993-10-15
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[13] C
[51] **Int.Cl. 6C07D 491/08 6C07F 7/10 6A61K 31/55 6A61K 31/695**
[25] EN
[54] **GALANTHAMINE DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**
[54] **DERIVES DE LA GALANTHAMINE, PROCEDE POUR LES PREPARER ET LEUR UTILISATION COMME MEDICAMENTS**
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[13] C
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[25] EN
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[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
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[51] **Int.Cl. 6B32B 3/12**
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[86] 1992-08-03 (PCT/US92/06480)
[87] (WO94/03327)

[11] **2,121,608**
[13] C
[51] **Int.Cl. 6G21K 5/04 6H01L 21/02 6H01L 21/027 6G03F 7/20**
[25] EN
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[54] **FABRICATION DE DISPOSITIFS AU MOYEN DE RAYONNEMENTS SYNCHROTRON**
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[11] **2,121,981**
[13] C
[51] **Int.Cl. 6G03G 15/08 6G03G 21/18**
[25] EN
[54] **PROCESS CARTRIDGE, IMAGE FORMING APPARATUS AND IMAGE FORMING SYSTEM**
[54] **CARTOUCHE DE DEVELOPPEMENT, APPAREIL DE FORMATION D'IMAGES ET SYSTEME DE FORMATION D'IMAGES**
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[51] **Int.Cl. 6D21C 7/12 6G05D 23/19 6G01K 11/32**
[25] EN
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[54] **DISPOSITIF DE REGULATION DE LA TEMPERATURE D'UN DIGESTEUR**
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[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[54] **BLADE AND WHEEL PLATE FOR BLAST CLEANING WHEEL AND METHOD OF CONNECTING A BLADE TO THE WHEEL PLATE**
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[72] Davis, Alan Richard, US
[73] EATON CORPORATION, US
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[54] **IMAGE FORMING METHOD, PROCESS FOR PRODUCING DECORATIVE ALUMINUM PLATE, APPARATUS FOR CARRYING OUT THE PROCESS, DECORATIVE ALUMINUM PLATE, AND RECORDING MEDIUM**
[54] **METHODE DE PRODUCTION D'IMAGES, PROCEDE DE PRODUCTION DE PLAQUES D'ALUMINIUM DECORATIVES, APPAREIL UTILISANT CE PROCEDE, PLAQUES D'ALUMINIUM DECORATIVES ET SUPPORT D'ENREGISTREMENT CONNEXE**
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THEREOF

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[13] C

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[25] EN
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FINITE STATE SEQUENTIAL
MACHINE AND RESULTING
INFORMATION SUPPORT AND
VERIFICATION TOOL
[54] METHODE DE VERIFICATION DE
MACHINES SEQUENTIELLES
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6C07K 14/475 6G01N 33/68

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[30] US (07/959,284) 1992-10-09

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[13] C

[51] Int.Cl. 6A01B 73/06
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[54] METHOD AND APPARATUS FOR
MOVING A DRAWBAR BETWEEN
TRANSPORT AND OPERATING
POSITION

[54] METHODE ET APPAREIL
SERVANT A FAIRE PASSER UNE
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POSITION DE MARCHE A LA
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[11] 2,134,747
[13] C

[51] Int.Cl. 6B64C 27/46 6B64C 11/16
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[54] ROTOR A DIAMETRE VARIABLE
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[11] 2,134,923
[13] C

[51] Int.Cl. 5F04C 2/00 5F04B 1/10
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[13] C

[51] Int.Cl. 5G11B 7/24
[25] EN

[54] MAGNETOOPTICAL RECORDING
MEDIUM ALLOWING SUPER-
RESOLUTION, AND INFORMATION
REPRODUCTION METHOD USING
THE MEDIUM

[54] SUPPORT D'ENREGISTREMENT
MAGNETO-OPTIQUE A SUPRA-
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LECTURE D'INFORMATIONS
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[54] INSTALLATION ET METHODE DE
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[54] **METHODE D'ETALONNAGE POUR DETECTEUR DE CAP RELATIF**
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[13] C

[51] **Int.Cl. 6H04L 12/56 6H04N 7/173**
[25] EN
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[54] **SYSTEME ET METHODE POUR EVALUER DIRECTEMENT LES MEMOIRES DE STOCKAGE DE LONGUE DUREE**
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[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
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[13] C

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[73] Mark IV Transportation Products Corporation, US
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[72] Tsunoda, Susumu, JP
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[13] C

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[25] EN
[54] **SULFUR-CONTAINING PHOSPHONATE COMPOUNDS FOR TREATING ABNORMAL CALCIUM AND PHOSPHATE METABOLISM**
[54] **COMPOSES DE PHOSPHONATE SOUFRES POUR TRAITER LE METABOLISME ANORMAL DU CALCIUM ET DU PHOSPHATE**
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[72] Ebetino, Frank H., US
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[87] (WO93/24496)
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[11] * **2,137,046**
[13] C

[51] **Int.Cl. 5G06F 9/30**
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[54] **SYSTEME DE TRAITEMENT ET SA METHODE DE FONCTIONNEMENT**
[72] Song, Seungyoon P., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[13] C

[51] **Int.Cl. 6F16H 55/32**
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[54] **SYNCHRONISEUR A AUTO-AMORCAGE**
[72] Nellums, Richard Alexander, US
[73] EATON CORPORATION, US
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[13] C

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/00**
[25] EN
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[54] ANALYSE ELECTROCHIMIQUE
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[13] C

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[25] EN
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PERMANENT VIRTUAL CIRCUIT
ROUTING
[54] METHODE DE ROUTAGE PAR
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[13] C

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ET PEU ODORANT POUR SOLVANTS
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[30] US (08/092,209) 1993-07-15

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[13] C

[51] Int.Cl. 6G06K 1/00
[25] FR
[54] DISPOSITIF CODE
D'IDENTIFICATION D'UN OBJET OU
D'UNE PERSONNE, ET PROCEDE
POUR REALISER UN TEL DISPOSITIF
[54] CODED IDENTIFICATION
DEVICE FOR AN OBJECT OR PERSON,
AND PROCESS FOR PRODUCING
SUCH A DEVICE
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[73] GIAT INDUSTRIES, FR
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[30] FR (94 01 067) 1994-02-01

[11] 2,142,258
[13] C

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[25] EN
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[13] C

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COMPOSITIONS FOR PROPHYLAXIS
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[54] COMPOSITIONS
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[25] EN
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FILTER
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POUR FILTRE TUBULAIRE
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[72] Klein, Daniel A., US
[73] Clack Corporation, US
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[13] C

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[25] EN
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WITH IMPROVED LOWER
CONTAINMENT MEANS
[54] POUSSETTE DE MARCHE
EMBOITABLE AVEC PANIER
INFERIEUR AMELIORE
[72] Trubiano, Antoine, CA
[73] CARI-ALL INC., CA
[22] 1995-02-14

[11] 2,143,552
[13] C

[51] Int.Cl. 6B65G 57/26 6B65G 57/18
[25] FR
[54] DISTRIBUTEUR AUTOMATIQUE
DE LATTES POUR CONVOYEUR DE
PLANCHES DE BOIS
[54] AUTOMATIC BATTEN FEEDER
FOR WOODEN PLANK CONVEYING
SYSTEM
[72] Tremblay, Benoît, CA
[72] Lévesque, Marcel, CA
[72] Bouchard, Serge, CA
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[13] C

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IMPLANTABLE INTRALUMINAL
DEVICE**
[54] **IMPLANT ENDOLUMINAL A
AUTO-EXPANSION RADIALE**
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[72] Lentz, David J., US
[73] Meadox Medicals, Inc., US
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[30] US (07/945,064) 1992-09-14

[11] **2,144,624**
[13] C

[51] **Int.Cl. 6B60T 8/30**
[25] EN
[54] **VEHICLE BRAKING SYSTEM
DISTRIBUTION OF FRONT AND REAR
BRAKING FORCES IS CONTROLLED
ACCORDING TO TWO DIFFERENT
DISTRIBUTION PATTERNS
DEPENDING UPON VEHICLE LOAD**
[54] **SYSTEME DE FREINAGE AVANT
ET ARRIERE AVEC UN DISPOSITIF DE
CONTROLE DE REPARTITION DES
FORCES DE FREINAGE EN FONCTION
DE LA CHARGE DANS UN VEHICULE**
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[72] Sugitani, Tatsuo, JP
[72] Uchida, Kiyoyuki, JP
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[11] **2,147,089**
[13] C

[51] **Int.Cl. 6A61K 7/48 6A61K 7/40**
[25] FR
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OU DERMATOLOGIQUE CONTENANT
UN TRI(ALPHA-HYDROXYACYLATE)
DE GLYCEROL COMME SEUL
PRECURSEUR DE GLYCEROL**
[54] **COSMETIC AND/OR
DERMATOLOGICAL COMPOSITION
CONTAINING A GLYCEROL
TRI(ALPHA-HYDROXYACYLATE) AS
THE ONLY GLYCEROL PRECURSOR**
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[11] **2,147,901**
[13] C

[51] **Int.Cl. 6E21B 7/04**
[25] EN
[54] **BOREHOLE SIDETRACK
LOCATOR**
[54] **APPAREIL DE GUIDAGE POUR
FORAGE DEVIE**
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[73] Western Atlas International, Inc., US
[22] 1995-04-26
[30] US (08/236,522) 1994-04-29

[11] **2,148,469**
[13] C

[51] **Int.Cl. 6C11D 1/14 6C11D 3/395
6C11D 1/75 6C11D 1/83**
[25] EN
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SURFACTANTS**
[54] **NETTOYAGE A L'AIDE DE
SURFACTIFS A COURTE CHAINE**
[72] Cilley, William Ajalon, US
[72] Brown, Donald Ray, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 1995-05-02
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[30] US (083,412) 1993-06-28

[11] **2,148,493**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **FAST PACKET ADAPTATION
METHOD FOR ENSURING PACKET
PORTABILITY ACROSS DIVERSIFIED
SWITCHING TYPE NETWORKS**
[54] **METHODE D'ADAPTATION
RAPIDE POUR ASSURER LA
PORTABILITE DES PAQUETS ENTRE
DES TYPES DIFFERENTS DE RESEAU
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COOLING MAIN SPINDLE HEAD OF
MACHINE TOOL**
[54] **SYSTEME SERVANT A
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[30] US (321,363) 1994-10-11

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[54] **BANDE DE PLASTIQUE PERMEABLE AVEC CARACTERISTIQUES DE DRAINAGE AMELIOREES**
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[73] THE PROCTER & GAMBLE COMPANY, US
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[30] US (08/042,364) 1993-04-02

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[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHOD FOR UPGRADING OF SILICON-CONTAINING RESIDUES OBTAINED AFTER LEACHING OF COPPER-CONTAINING RESIDUES FROM CHLOROSILANE SYNTHESIS**
[54] **PROCEDE DE VALORISATION DE RESIDUS RENFERMANT DU SILICIUM ET RESULTANT DE LA LIXIVIATION DE RESIDUS RENFERMANT DU CUIVRE PRODUITS PAR LA SYNTHESE DE CHLOROSILANES**
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[30] US (08/059,681) 1993-05-10

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[54] **APPAREIL AMELIORE POUR L'ECLAIRAGE A L'INTERIEUR D'UN PRESENTOIR FRIGORIFIQUE**
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[54] **TETE DE BROsse A DENTS**
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[73] Braun Aktiengesellschaft, DE
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[30] DE (P 43 17 407.8) 1993-05-26

[11] **2,163,725**
[13] C

[51] **Int.Cl. 6A61F 2/30**
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[73] Biomedical Engineering Trust I, US
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COMPUTER SYSTEM INCLUDING A
PLURALITY OF SUBSYSTEMS
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6C11D 3/20 6C11D 3/395
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DETERGENT COMPOSITIONS WITH
IMPROVED CLEANING
PERFORMANCE
[54] COMPOSITIONS DETERGENTES
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AMELIORE
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6D21H 19/20
[25] EN
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POLYMER/FATTY ACID
COMPOSITIONS FOR FIBROUS
PRODUCTS
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GRAS, POUR PRODUITS FIBREUX
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[30] US (08/096,523) 1993-07-22

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[13] C

[51] Int.Cl. 6H02H 3/20
[25] EN
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[51] Int.Cl. 6B41J 27/00 6B41F 31/00
6B41F 15/40
[25] EN
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INTERLEAVING PULSES IN A LIQUID
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[54] METHODE ET DISPOSITIF
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COMPOUNDS**
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CONTENANT DES COMPOSES DE
SULFHYDRYLE**
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[86] 1995-06-08 (PCT/US95/07311)
[87] (WO95/33440)
[30] US (257,585) 1994-06-09

[11] **2,170,811**
[13] C

[51] **Int.Cl. 6H04B 15/00**
[25] EN
[54] **NOISE CANCELLING DEVICE
CAPABLE OF ACHIEVING A
REDUCED CONVERGENCE TIME AND
A REDUCED RESIDUAL ERROR
AFTER CONVERGENCE**
[54] **DISPOSITIF ELIMINATEUR DE
BRUIT POUVANT REDUIRE LE TEMPS
DE CONVERGENCE ET REDUIRE
L'ERREUR RESIDUELLE APRES LA
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[22] 1996-03-01
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[13] C

[51] **Int.Cl. 6G01N 21/77 6G01N 21/64
6C12Q 1/68**
[25] EN
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TUNABLE EMISSION
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PAR ACCORD DE LA SOURCE
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[13] C

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EXCAVATING BUCKET**
[54] **ENSEMBLE DE CABLAGE POUR
GODET EXCAVATEUR**
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[13] C

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WITH ANTI-ASTHMATIC ACTION
AND PROCESSES FOR THEIR
MANUFACTURE**
[54] **PYRIDO-3,2-E|PYRAZINONES,
AGENTS ANTI-ASTHMATIQUES;
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[11] **2,170,550**
[13] C

[51] **Int.Cl. 6G06F 3/153**
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[54] **AFFICHAGE D'INFORMATION EN
TEMPS REEL PERSONNALISE**
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[30] US (409,579) 1995-03-24

[11] **2,171,095**
[13] C

[51] **Int.Cl. 6A61H 15/00**
[25] EN
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[54] **APPAREIL DE MASSAGE**
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[30] JP (6-160223) 1994-07-12
[30] JP (6-160224) 1994-07-12

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[13] C

[51] **Int.Cl. 6C23C 22/07 6C23C 22/74**
[25] EN
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[54] **REVETEMENTS HYDROPHILES NON ABRASIFS RESISTANTS A LA CORROSION, POUR SURFACES EN ALUMINIUM, LEURS PROCEDES D'APPLICATION ET ARTICLES AINSI RECOUVERTS**
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[73] ALCAN INTERNATIONAL LIMITED, CA
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[30] US (128,907) 1993-09-29

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[13] C

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[25] EN
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[54] **REGULATEUR DE PRESSION PNEUMATIQUE**
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[22] 1996-03-26
[30] US (08/603,349) 1996-03-04

[11] **2,173,688**
[13] C

[51] **Int.Cl. 6H04L 9/28**
[25] EN
[54] **ENCRYPTION APPARATUS AND METHOD CAPABLE OF CONTROLLING ENCRYPTION PROCESS IN ACCORDANCE WITH AN INTERNAL STATE**
[54] **APPAREIL ET METHODE DE CHIFFREMENT POUVANT CONTROLER LE PROCESSUS DE CHIFFREMENT EN CONFORMITE AVEC UN ETAT INTERNE**
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[13] C

[51] **Int.Cl. 6F16L 31/00 6F16L 47/00**
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[54] **ACCOUPEMENT POUR TUYAUX EN PLASTIQUE ONDULE**
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CLEANING COMPOSITIONS AND
METHODS OF USING SAME
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REDUCED IRRITATION AND
ENHANCED STABILITY
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MAINTAINING OPTIMUM
LUBRICATING CONDITION OF A
BEARING
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COMPONENT FOR REFASTENABLE
FASTENING DEVICE AND METHOD
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[25] EN
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HETEROLOGOUS GENES IN PLANTS
AND TRANSGENIC FRUIT WITH A
MODIFIED RIPENING PHENOTYPE
[54] **EXPRESSION REGULEE DE**
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[54] **METHODE DE COMBUSTION DE**
GAZ COMBUSTIBLES
[72] MELNYK, Allan, CA
[72] CHAREST, Roger J., CA
[72] O'BRIEN, Alan, CA
[73] MELNYK, Allan, CA
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[54] **DETECTEUR DE TEMPERATURE MOYENNE DE L'AIR**
[72] COTTON, Dale C., US
[72] BALDWIN, Joe M., US
[73] AMERICAN STANDARD INC., US
[85] 1997-02-20
[86] 1995-08-08 (PCT/US95/10067)
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[25] EN
[54] **PHOTOCATALYST, METHOD FOR PREPARING THE SAME, AND PRODUCTION OF HYDROGEN USING THE SAME**
[54] **PHOTOCATALYSEUR, SON PROCEDE D'OBTENTION ET PREPARATION D'HYDROGENE PAR SON INTERMEDIAIRE**
[72] PARK, Dae Chul, KR
[72] CHUNG, Kyeong Hwan, KR
[72] CHANG, Duck Rye, KR
[73] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
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[30] KR (1994/21541) 1994-08-30

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[25] EN
[54] **WIRELESS COMMUNICATION DEVICE WITH ANTENNA-ACTIVATED SWITCH**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL AVEC COMMUTATEUR COMMANDE PAR ANTENNE**
[72] BLACK, Gregory R., US
[72] MILLARD, Jason D., US
[72] DOMBROWSKI, Richard J., US
[73] MOTOROLA, INC., US
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[54] **FREEZABLE CONFECTION AND METHOD FOR MAKING SAME**
[54] **PREPARATION CONGELABLE ET METHODE DE FABRICATION CONNEXE**
[72] BRAVERMAN, Amiel, US
[73] The Jel Sert Co., US
[22] 1997-05-05
[30] US (08/806,933) 1997-02-26

[11] **2,205,054**
[13] C

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[25] EN
[54] **APPARATUS AND METHOD FOR ERECTING BOXES**
[54] **PROCEDE ET APPAREIL DE MONTAGE DE BOITES**
[72] HARTMAN, Andrew F., NL
[72] WILLIAMS, Ken, US
[72] HENDRICKS, Quentin J., US
[72] ELLIOT, Harry R., US
[72] CANNING, Timothy A., US
[73] FIDELITY INTERNATIONAL, INC., US
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[30] US (08/336,979) 1994-11-10

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[54] **DOCKING ASSEMBLY FOR THE EXTENSION OF A GUIDEWIRE**
[54] **DISPOSITIF DE FIXATION POUR EXTENSION DE FIL DE GUIDAGE**
[72] SAUTER, Herbert, CH
[73] SCHNEIDER (EUROPE) GmbH, CH
[22] 1997-05-20
[30] EP (96110222.5) 1996-06-25

[11] **2,206,473**
[13] C

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[25] EN
[54] **COMPATIBLE LICENSED AND UNLICENSED BAND PORTABLE HANDSET UNIT FOR TDMA WIRELESS COMMUNICATION SYSTEM**
[54] **COMBINE PORTATIF COMPATIBLE AVEC BANDES AUTORISEES OU NON AUTORISEES, POUR SYSTEME DE COMMUNICATION SANS FIL AMRT**
[72] NOERPEL, Anthony Robert, US
[72] SOLLENBERGER, Nelson Ray, US
[72] CHANG, Li Fung, US
[72] ARNOLD, Hamilton Webster, US
[72] ZIEGLER, Robert Anthony, US
[73] BELL COMMUNICATIONS RESEARCH, INC., US
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[30] US (366,944) 1994-12-29

[11] **2,206,647**
[13] C

[51] **Int.Cl. 6H01Q 15/23**
[25] EN
[54] **COMPOSITE ROOFTOP ANTENNA FOR TERRESTRIAL AND SATELLITE RECEPTION**
[54] **ANTENNE DE TOIT COMPOSITE POUR LA RECEPTION DE SIGNAUX TRANSMIS SUR TERRE ET PAR SATELLITE**
[72] RUSSELL, Jesse Eugene, US
[72] MILLER, Robert R., II, US
[72] SCHROEDER, Robert Edward, US
[73] AT&T CORP., US
[22] 1997-05-30
[30] US (770,351) 1996-12-20

[11] **2,212,655**
[13] C

[51] **Int.Cl. 6A63B 33/00**
[25] EN
[54] **SWIMMING OR DIVING GOGGLES**
[54] **LUNETTES DE NATATION OU DE PLONGEE**
[72] BELTRANI, Giovanni Battista, IT
[73] Technisub Spa, IT
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[25] EN
[54] **POWER TRANSMISSION SYSTEM,
IC CARD AND INFORMATION
COMMUNICATION SYSTEM USING IC
CARD**
[54] **SYSTEME DE TRANSMISSION
D'ENERGIE, CARTE A CIRCUIT
INTEGRE ET SYSTEME DE
COMMUNICATION D'INFORMATION
UTILISANT UNE CARTE A CIRCUIT
INTEGRE**
[72] NAGAI, Kenji, JP
[72] YOSHINO, Ryouzou, JP
[72] SUGA, Takashi, JP
[72] HAYASHI, Yoshihiko, JP
[73] HITACHI, LTD., JP
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[11] **2,215,865**
[13] C

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[25] EN
[54] **BLOOD CULTURE APPARATUS
HAVING A BELL-SHAPED DRUM**
[54] **APPAREIL D'HEMOCULTURE A
TAMBOUR EN FORME DE CLOCHE**
[72] BERNDT, Klaus W., US
[73] BECTON, DICKINSON AND
COMPANY, US
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[30] US (08/721,879) 1996-09-27

[11] **2,216,563**
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[51] **Int.Cl. 6F16L 37/088**
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[54] **COUPLING ASSEMBLY**
[54] **ENSEMBLE D'ACCOUPLEMENT**
[72] ZAINEA, John Paul, US
[72] MYERS, John T., US
[72] KARL, Terry L., US
[72] VAN RIPER, Philip C., US
[72] GLODEN, Gregory J., US
[73] Aeroquip Corporation, US
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[13] C

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[25] EN
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CLEANER WITH TAPERED BLADES**
[54] **TURBINE D'ASPIRATEUR A
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[72] DU, Wei, US
[73] THE SCOTT FETZER COMPANY, US
[85] 1998-02-11
[86] 1996-08-02 (PCT/US96/12847)
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[11] **2,239,925**
[13] C

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[25] EN
[54] **FLUID TREATMENT SYSTEM
AND PROCESS**
[54] **SYSTEME ET PROCEDE DE
TRAITEMENT DE FLUIDE**
[72] MAARSCHALKERWEERD, Jan M.,
CA
[73] Trojan Technologies Inc., CA
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[11] **2,250,853**
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INFORMATION**
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D'INFORMATION**
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[73] NETDELIVERY CORPORATION, US
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[54] **KICK ROLLER**
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[72] FORTIER, Raymond, CA
[71] FORTIER, Raymond, CA
[22] 1998-06-26
[43] 1999-12-26

[21] **2,237,741**
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[51] **Int.Cl. 6B65D 88/12 6B65D 90/02**
[25] EN
[54] **LARGE INDUSTRIAL
AUTOMATED CONTAINER: LIFTING
AND ATTACHMENT TECHNOLOGY**
[54] **GRAND CONTENEUR
INDUSTRIEL AUTOMATISE :
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[72] SMITHSON, R. Lee, CA
[72] SMITHSON, Chris, CA
[71] SMITHSON, R. Lee, CA
[71] SMITHSON, Chris, CA
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[43] 1999-12-26

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[54] **AIDE A L'ALLAITEMENT**
[72] IVERSON, Tanya, CA
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[51] **Int.Cl. 6A61B 17/02**
[25] EN
[54] **CHEST RETRACTOR FOR
PERFORMING CARDIAC SURGERY**
[54] **ECARTEUR DE THORAX POUR
EFFECTUER UNE CHIRURGIE
CARDIAQUE**
[72] CARTIER, Raymond, CA
[72] MANNARINO, Giovanni, CA
[72] PAOLITTO, Anthony, CA
[72] VALENTINI, Valerio, CA
[72] ZOCCALI, Bruno, CA
[71] CARTIER, Raymond, CA
[71] MANNARINO, Giovanni, CA
[71] PAOLITTO, Anthony, CA
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[25] EN
[54] **THE "FREE POWER HOUSE"**
[54] **MAISON A ALIMENTATION
ENERGETIQUE NATURELLE**
[72] TURCOTTE, Steven Luc, CA
[71] TURCOTTE, Steven Luc, CA
[22] 1998-06-30
[43] 1999-12-30

[21] **2,239,804**
[13]
[51] **Int.Cl. 6A47K 3/12**
[25] EN
[54] **SEATING AND KNEELING
APPLIANCE**
[54] **SIEGE ET AGENOUILLOIR**
[72] FRAWLEY, Mark A., US
[72] FRAWLEY, Deidre M., US
[71] FRAWLEY, Mark A., US
[71] FRAWLEY, Deidre M., US
[22] 1998-06-26
[43] 1999-12-26

[21] **2,239,894**
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[51] **Int.Cl. 6E04D 13/064**
[25] EN
[54] **PIVOTABLE GUTTER ASSEMBLY
AND KIT THEREFOR**
[54] **ASSEMBLAGE DE GOUTTIERES
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[72] OBIDNIAK, Louis, CA
[71] OBIDNIAK, Louis, CA
[22] 1998-06-29
[43] 1999-12-29

[21] **2,239,949**
[13]
[51] **Int.Cl. 6G04G 1/00**
[25] FR
[54] **HORLOGE MULTI-FONCTION
PROGRAMMABLE**
[54] **MULTI-FUNCTION
PROGRAMMABLE CLOCK**
[72] BIRON, Jean-Philippe, CA
[72] AVRAHAM, Betsalel Ben, CA
[71] BIRON, Jean-Philippe, CA
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[25] EN
[54] **GENE THERAPY WITH RETINOID X RECEPTOR (RXR) MUTANT(S) TO PREVENT PHOSPHORYLATION THROUGH THE MAP KINASE PATHWAY**
[54] **THERAPIE GENIQUE AVEC UN RECEPTEUR (RXR) MUTANT(S) RETINOIDE X AFIN DE PREVENIR LA PHOSPHORYLATION PAR L'INTERMEDIAIRE DES VOIES KINASES ACTIVEES PAR UN MITOGENE (MAP)**
[72] KREMER, Richard, CA
[71] KREMER, Richard, CA
[22] 1998-06-29
[43] 1999-12-29

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[13]

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[54] **CHARIOT DIRIGEABLE DANS LES MEMES SILLONS DE ROUES**
[54] **CART MOVEABLE IN THE SAME WHEEL LINES**
[72] POULIN, Michel, CA
[71] POULIN, Michel, CA
[22] 1998-06-30
[43] 1999-12-30

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[13]

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[54] **IMPROVED TEMPORARY CLEAT FOR SHEET GOODS**
[54] **TASSEAU TEMPORAIRE AMELIORE POUR REVETEMENT EN FEUILLES**
[72] BODELL, James R., US
[71] BODELL, James R., US
[22] 1998-06-26
[43] 1999-12-26

[21] **2,241,610**
[13]

[51] **Int.Cl. 6B63H 1/20**
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[54] **OUTBOARD PROPELLER**
[54] **HELICE DE MOTEUR DE HORS-BORD**
[72] LIN, Yeun-Junn, TW
[71] LIN, Yeun-Junn, TW
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[43] 1999-12-26

[21] **2,241,616**
[13]

[51] **Int.Cl. 6D21F 5/02**
[25] EN
[54] **METHOD FOR COATING YANKEE DRYERS AGAINST WEAR**
[54] **METHODE POUR PROTEGER LES SECHOIRS A CYLINDRES CONTRE L'USURE AU MOYEN D'UN REVETEMENT**
[72] PERDIKARIS, Chris, US
[71] BENDER MACHINE INC., US
[22] 1998-06-26
[43] 1999-12-26

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[13]

[51] **Int.Cl. 6E21B 37/06 6C09K 7/02 6E21B 21/06**
[25] EN
[54] **A SILICATE BREAKER FOR SILICATE DRILLING FLUIDS IN PRODUCTION ZONES**
[54] **RUPTEUR DE SILICATE POUR LES FLUIDES DE FORAGE DE SILICATE DANS DES ZONES DE PRODUCTIONS**
[72] unknown, ZZ
[71] NATIONAL SILICATES LTD., CA
[22] 1998-06-26
[43] 1999-12-26

[21] **2,241,621**
[13]

[51] **Int.Cl. 6C09K 7/02**
[25] EN
[54] **A LUBRICATING METHOD FOR SILICATE DRILLING FLUIDS**
[54] **PROCEDE DE LUBRIFICATION POUR LES FLUIDES DE FORAGE DE SILICATE**
[72] URQUHART, John C., GB
[72] McDONALD, Michael J., CA
[72] BASS, Jonathan L., US
[71] NATIONAL SILICATES LTD., CA
[22] 1998-06-26
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[13]

[51] **Int.Cl. 6E06B 7/16 6E06B 3/50**
[25] EN
[54] **SLIDING WINDOW SEAL**
[54] **JOINT PREFORME POUR FENETRE COULISSANTE**
[72] DIGINOSA, Anthony V., CA
[71] ROYAL PLASTICS INC., CA
[22] 1998-06-26
[43] 1999-12-26

[21] **2,241,705**
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[25] EN
[54] **A METHOD FOR PREVENTING KEY-SHARE ATTACKS**
[54] **METHODE POUR PREVENIR LES ATTAQUES CONTRE LES CLES PARTAGEES**
[72] MENEZES, Alfred J., US
[72] BLAKE-WILSON, Simon, GB
[71] CERTICOM CORP., CA
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[43] 1999-12-26

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[13]

[51] **Int.Cl. 6H04J 14/02 6H04B 10/20**
[25] EN
[54] **OPTICAL DROP CIRCUIT HAVING GROUP DELAY COMPENSATION**
[54] **CIRCUIT OPTIQUE D'EXTRACTION DOTE DE COMPENSATION DE TEMPS DE GROUPE**
[72] FARRIES, Mark, CA
[71] JDS FITEL INC., CA
[22] 1998-06-26
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[21] **2,241,715**
[13]

[51] **Int.Cl. 6E04C 3/08**
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[54] **ASSEMBLAGE DE FERME METALLIQUE**
[72] MONTANARO, Giuseppe, CA
[71] MONTANARO, Giuseppe, CA
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[25] EN
[54] **RADIOISOTOPE STENT WITH INCREASED RADIATION FIELD STRENGTH AT THE ENDS OF THE STENT**
[54] **TUTEUR INTRAVASCULAIRE RADIO-ISOTOPE AYANT UNE INTENSITE DE CHAMP DE RAYONNEMENT ELEVEE A SES EXTREMITES**

[72] FISCHELL, Robert E., US
[72] FISCHELL, Tim A., US
[72] FISCHELL, David R., US
[71] FISCHELL, Robert E., US
[71] FISCHELL, Tim A., US
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[54] **MAGNETIC FLUID MODIFICATION DEVICE AND USE**
[54] **DISPOSITIF MAGNETIQUE DE TRANSFORMATION DE FLUIDE ET UTILISATION CONNEXE**

[72] OHWAKI, Kenji, JP
[72] HAMASAKI, Kazunori, JP
[72] MORI, Matsuji, JP
[71] OHWAKI, Kenji, JP
[71] HAMASAKI, Kazunori, JP
[71] MORI, Matsuji, JP
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[43] 1999-12-26

[21] **2,241,779**
[13]

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[25] EN
[54] **INDIRECT X-RAY IMAGE DETECTOR FOR RADIOLOGY**
[54] **DETECTEUR D'IMAGE RADIOLOGIQUE INDIRECTE POUR UTILISATION AVEC LA RADIOLOGIE**

[72] MANI, Habib, CA
[72] JEAN, Alain, CA
[72] ROUGEOT, Henri M., CA
[72] SHUKRI, Ziad Aziz, CA
[71] FTNI INC., CA
[22] 1998-06-26
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[13]

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[54] **FASTENER WITH PLANAR COIL**
[54] **ORGANE D'ASSEMBLAGE AVEC BOBINE PLANE**
[72] HARTMAN, Hermann David, CA
[71] INDUSTRIAL THERMO POLYMERS LIMITED, CA
[22] 1998-06-29
[43] 1999-12-29

[21] **2,241,836**
[13]

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[25] EN
[54] **NATURAL LANGUAGE TRANSFORMATIONS FOR PROPAGATING HYPERTEXT LABEL CHANGES**

[54] **TRANSFORMATIONS DU LANGAGE NATUREL POUR LA PROPAGATION DE CHANGEMENTS AUX REFERENCES HYPERTEXTES**
[72] KNOWLES, Nicholas, GB
[71] OBJECT TECHNOLOGY INTERNATIONAL INC., CA
[22] 1998-06-29
[43] 1999-12-29

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[13]

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[25] EN
[54] **VALPROIC ACID CONJUGATES**
[54] **CONJUGUES D'ACIDE VALPROIQUE**

[72] GOPAUL, Sashi V., CA
[72] ABBOTT, Frank S., CA
[72] TANG, Wei, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[13]

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[54] **PORTABLE SEAT CUSHION**
[54] **COUSSIN DE CHAISE PORTATIF**
[72] GOLDENBERG, Adam, CA
[71] GOLDENBERG, Adam, CA
[22] 1998-06-29
[43] 1999-12-29

[21] **2,241,864**
[13]

[51] **Int.Cl. 6A45F 3/15**
[25] EN
[54] **CANOE CARRYING APPARATUS**
[54] **APPAREIL DE TRANSPORT D'UN CANOE**
[72] DUVAL, Gaetan Leo, CA
[71] DUVAL, Gaetan Leo, CA
[22] 1998-06-29
[43] 1999-12-29

[21] **2,241,865**
[13]

[51] **Int.Cl. 6G06F 9/45 6G06F 12/08**
[25] EN
[54] **MAPPING A STACK IN A STACK MACHINE ENVIRONMENT**
[54] **MAPPAGE D'UNE PILE DANS UN ENVIRONNEMENT INFORMATIQUE A PILE**

[72] DUIMOVICH, John, CA
[72] CHAPMAN, Graham, CA
[72] GRAY-DONALD, Trent, CA
[72] LOW, Andrew, CA
[72] JOHNSON, Graeme, CA
[71] OBJECT TECHNOLOGY INTERNATIONAL INC., CA
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[51] **Int.Cl. 6G06F 3/14 6G06F 19/00**
[25] EN
[54] **CONSTRUCTING A USER INTERFACE BASED ON A RELATIONSHIP MODEL**
[54] **CONCEPTION D'UNE INTERFACE UTILISATEUR SE FONDANT SUR UN MODELE DE LIAISONS**

[72] MCGUIRE, Kevin, GB
[72] KNOWLES, Nicholas, GB
[72] THOMAS, David Andrew, CA
[71] OBJECT TECHNOLOGY INTERNATIONAL INC., CA
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[54] **APPELS DE PROCEDURE A DISTANCE DANS DES SYSTEMES REPARTIS**
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[72] ZHANG, Connie, CA
[72] ENG, Hennedy Dee, CA
[72] HAMA, Melvin Seiji, CA
[72] ACHESON, Doug W.F., CA
[72] BURDZINSKI, Gregory, CA
[72] BROOKS, Mark W., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[54] **CONCEPTION DE MUR A ECRAN DE PLUIE**
[72] FRITZ, Alvin Reinhard, CA
[72] McCLAFFERTY, John, CA
[71] LAFARGE CANADA INC., CA
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[54] **SNOWMOBILE DRIVE TRACK FOR TRAVELLING ON ICY AND HARDENED SNOW SURFACES**
[54] **CHENILLE D'ENTRAINEMENT DE MOTONEIGE POUR SE DEPLACER SUR DES SURFACES GLACEES OU DE NEIGE DURCIE**
[72] COURTEMANCHE, Denis, CA
[71] COURTEMANCHE, Denis, CA
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[43] 1999-12-30

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[54] **METHODE ET SYSTEME DE DETECTION DIFFEREE D'UN SIGNAL DE SAISIE A DECALAGE POLYPHASE UTILISANT UN CUMUL DE SYMBOLES DEJA DETERMINES**
[72] ONO, Shigeru, JP
[71] NEC CORPORATION, JP
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[54] **FUEL SUPPLY SYSTEM FOR AUTOMOTIVE ENGINES**
[54] **SYSTEME D'APPROVISIONNEMENT EN CARBURANT POUR MOTEURS AUTOMOBILES**
[72] KONDO, Toyoshi, JP
[71] TATSUMI CORPORATION, JP
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[54] **SYSTEME COOPERATIF D'AVERTISSEMENT DE DANGERS ROUTIERS**
[72] ROWLEDGE, Darrel, CA
[71] ROWLEDGE, Darrel, CA
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[54] **PANNEAU RETROECLAIRE**
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[72] MELLOR, Ian, CA
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[54] **COVER STRUCTURE WITH INTEGRAL UTENSIL MEANS FOR CANNED AND CUPPED FOOD**
[54] **COUVERCLE DOTE D'UN USTENSILE INTEGRE POUR ALIMENTS EN BOITE OU EN TASSE**
[72] HUANG, Shou Li, CN
[71] HUANG, Shou Li, CN
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[54] **MODULAR STAIRWAY SYSTEM, METHOD FOR ERECTING STAIRWAY AND KIT THEREFOR**
[54] **SYSTEME MODULAIRE D'ESCALIER, METHODE ET PRET-A-MONTER POUR L'ERIGER**
[72] COUTURE, Raymond, CA
[71] STRUCTURES MONOCOQUES INC., CA
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[54] **VERROUILLAGE DE CHENILLES POUR MOTONEIGES**
[72] MABEE, Larry, CA
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[54] **PROCEDE DE FABRICATION D'UNE MATRICE A DECOUPER**
[72] ISLAM, Mahmud-U., CA
[72] CAMPBELL, Glen R., CA
[72] McGREGOR, Gavin, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **SYSTEME POUR ACCROCHER DES PORTRAITS**
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[54]
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[72] WEISER, Thomas, DE
[72] LEHR, Erich, DE
[72] GAIDA, Wolfram, DE
[72] MIERAU, Joachim, DE
[72] POHL, Gerald, DE
[72] KUMMER, Werner, DE
[72] KUEFNER-MUEHL, Ulrike, DE
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[54] **NAVIGATION SYSTEM AND METHOD FOR VIEWING A 3D DATA LANDSCAPE**
[54] **SYSTEME DE NAVIGATION ET METHODE PERMETTANT DE VOIR UN PAYSAGE 3D**
[72] BERTRAND, Philippe F., CA
[72] PULLEY, Harry C., IV, CA
[71] VISIBLE DECISIONS INC., CA
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[54] **METHODS AND COMPOSITIONS FOR FINISHING HOT WATER SOLUBLE OR DISPERSIBLE MATERIALS AND ARTICLES THEREFROM**
[54] **METHODES ET COMPOSITIONS POUR LA FINITION DES MATIERES DISPERSIBLES OU SOLUBLES A L'EAU CHAUDE, ET ARTICLES OBTENUS A PARTIR DE CES METHODES ET COMPOSITIONS**
[72] DAI, Dong, US
[72] LEE, Baosheng, US
[72] HONEYCUTT, Travis W., US
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[54] **ENVELOPPE DE PROTECTION DE GARDE-BOUE**
[72] CRICK, Clint Raymond, CA
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[54] **SELF-CONTAINED DEVICE FOR CLEANING AND COATING HOLD SURFACES IN A BULK CARRIER**
[54] **DISPOSITIF AUTONOME POUR NETTOYER ET REVETIR LES SURFACES DE LA CALE D'UN VRAQUIER**
[72] GOLDBACH, Richard A., US
[71] MMC COMPLIANCE ENGINEERING, INC., US
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[54] **CLE DOUBLE**
[72] MACOR, Richard J., US
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[54] **METHOD OF LASER WELDING TAILORED BLANKS**
[54] **METHODE DE SOUDAGE AU LASER D'EBAUCHES INDIVIDUALISEES**
[72] XIAO, Min, CA
[71] AUTOMATED WELDING SYSTEMS INCORPORATED, CA
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[72] INABA, Minoru, JP
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APPARATUS**
[54] **PROCEDE ET APPAREIL
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[72] WINDLE, Harry N., US
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[54] **A LARGE SCALE
COMMUNICATIONS NETWORK
HAVING A FULLY MESHED OPTICAL
CORE TRANSPORT NETWORK**
[54] **RESEAU DE COMMUNICATIONS
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[72] LIVERMORE, Frederick C., CA
[71] NORTHERN TELECOM LIMITED,
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SWITCHED DELAY COMPENSATION
SCHEME**
[54] **CIRCUIT DE COMPENSATION DU
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[72] BHULLAR, Gurpreet, CA
[71] MOSAID TECHNOLOGIES
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[54] **BOITIER ENTIEREMENT
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ELECTRIQUE**
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[72] SAXON, John C., US
[71] THOMAS & BETTS
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ELEMENT AND MULTIELECTRODE
TYPE FUSE USING THE SAME**
[54] **ELEMENT DE FUSIBLE A
PLUSIEURS ELECTRODES ET
FUSIBLE A PLUSIEURS ELECTRODES
EMPLOYANT CET ELEMENT**
[72] KATAOKA, Isato, JP
[72] KAWAMURA, Isao, JP
[72] MURAKAMI, Iwao, JP
[71] PACIFIC ENGINEERING
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[54] **FUEL INJECTION CLEANING KIT**
[54] **TROUSSE DE NETTOYAGE POUR
INJECTEUR**
[72] SULLIVAN, Ed, CA
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[71] MACWILLIAM, Mark Wayne, CA
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COMPOSITION**
[54] **COMPOSITION AQUEUSE DE
REVETEMENT PROTECTEUR
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[72] VORSE, Dennis J., US
[72] GAUSMAN, Joseph H., US
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MOUNTING**
[54] **INSTALLATION ANTISHIMMY DE
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[72] FINCH, Thomas E., US
[71] TEFTEC CORPORATION, US
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[54] **26-TYPE ELECTRONIC
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[54] **COMPOSANTS PNEUMATIQUES
ELECTRONIQUES DE TYPE 26**
[72] ROMANSKY, Michael E., US
[72] SANTORO, Ralph Jr., US
[72] KUSHNIR, Lawrence M., Jr., US
[71] WESTINGHOUSE AIR BRAKE
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[54] **NOUVEAUX COMPOSES**
[72] DUCKWORTH, David Malcolm, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
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[54] **SYSTEME DE CHARPENTE MONTE SUR BRIDE**
[72] FREY, John R., US
[71] INTERNATIONAL ALUMINUM CORPORATION, US
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[72] LONG, Joe Dennis, US
[71] MICROSOFT CORPORATION, US
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[54] **DE PNEUMATIQUE DE CONVERSION ELECTRONIQUE DE TYPE 26**
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[72] KUSHNIR, Lawrence M., Jr., US
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[54] **CLOSED-LOOP ULTRASONIC WELDING METHOD AND APPARATUS**
[54] **METHODE DE SOUDAGE PAR ULTRASONS EN BOUCLE FERMEE ET APPAREIL CONNEXE**
[72] HALBERT, Robert C., US
[72] MAINOLFI, Sylvio J., US
[71] EMERSON ELECTRIC CO., US
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[54] **PLAQUE ELECTRONIQUE D'ACCES AUX COMPOSANTS PNEUMATIQUES DE TYPE 26**
[72] SANTORO, Ralph Jr., US
[72] KUSHNIR, Lawrence M., Jr., US
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[54] **METHOD OF IDENTIFYING POLYPEPTIDES**
[54] **METHODE D'IDENTIFICATION DES POLYPEPTIDES**
[72] HOCHSTRASSER, Denis Francois, CH
[72] BIENVENUT, Willy Vincent, FR
[71] UNIVERSITE DE GENEVE, CH
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[54] **PRESSURE TRANSDUCER ADAPTER**
[54] **ADAPTEUR POUR TRANSDUCTEUR DE PRESSION**
[72] MCNEIL, Michael, US
[72] SICH, Gary M., US
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[54] **WAX-EXTRACTING EAR CANDLE AND METHOD OF PRODUCTION**
[54] **EXTRACTEUR DE CERUMEN ET METHODE DE FABRICATION**
[72] O'BRIEN, Linda J., CA
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[25] EN
[54] **METHOD FOR IMPROVING THE CLEANABILITY OF COATED BELTS WITH A NEEDLED WEB ON THE INSIDE SURFACE**
[54] **METHODE POUR AMELIORER LA NETTOYABILITE DE CEINTURES REVETUES AVEC UNE BANDE AIGUILLETEE DANS LA FACE INTERNE**
[72] MILLER, Lawrence G., US
[72] CRAWFORD, Karen L., US
[72] SALITSKY, Joseph, US
[71] ALBANY INTERNATIONAL CORP., US
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[25] EN
[54] **NOVEL TRANSITION METAL COMPOUND AND CATALYST CONTAINING THE SAME FOR POLYMERIZATION OF OLEFINS**
[54] **NOUVEAU COMPOSE DE METAL DE TRANSITION ET CATALYSEUR QUI LE COMPREND, POUR LA POLYMERISATION D'OLEFINES**
[72] SEKI, Takashi, JP
[72] SANO, Akira, JP
[72] SHIMIZU, Hiroyuki, JP
[71] JAPAN POLYOLEFINS CO., LTD., JP
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[54] **LUMINAIRE**
[72] WEGRZYN, Joseph, US
[72] LAROSA, Joseph M., US
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[25] EN
[54] **REDUCED DIAMETER DOUBLE SEAM PAPER FOR A COMPOSITE CONTAINER**
[54] **JOINT DOUBLE A DIAMETRE REDUIT POUR CONTENANT DE MATERIAU COMPOSITE**
[72] BACON, John Ellis, US
[71] SONOCO PRODUCTS COMPANY, US
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[54] **DYNAMIC STRENGTH TESTER FOR PAPER CORES**
[54] **ESSAI DE RESISTANCE DYNAMIQUE DE MANDRINS DE CARTON**
[72] STEPHENS, Jason T., US
[72] TAYLOR, Dennis, US
[72] STAPLES, John Freeman, US
[72] LYLES, Steve, US
[72] VAN DE CAMP, Johannes W., NL
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[54] **DETACHABLE PULLEY COVER STRUCTURE**
[54] **STRUCTURE AMOVIBLE DE REVETEMENT COTE TAMBOUR**
[72] BENTER, Dean William, US
[72] FOREST, Richard Lee, US
[72] KUHN, John Boyd, US
[71] DEERE & COMPANY, US
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[25] EN
[54] **PAPER AND PAPER CUTOUT DEVICE**
[54] **PAPIER ET DISPOSITIF DE DECOUPURE DE PAPIER**
[72] DAVIES, Michael Anthony, US
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[54] **FUEL CELL, SEPARATOR FOR THE SAME AND METHOD FOR DISTRIBUTING GAS IN FUEL CELL**
[54] **PILE A COMBUSTIBLE, SEPARATEUR CONNEXE ET METHODE DE DISTRIBUTION DU GAZ DANS LADITE PILE**
[72] MIZUNO, Seiji, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[30] JP (HEI 10-196795) 1998-06-26

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[25] EN
[54] **DUAL HULL KAYAK**
[54] **KAYAK A CARCASSE DOUBLE**
[72] LECKHTMAN, David, CA
[71] STEP JET CORPORATION, CA
[22] 1999-03-01
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[25] EN
[54] **MEDICAL INSTRUMENT SYSTEM**
FOR PIERCING THROUGH TISSUE
[54] **INSTRUMENTS MEDICAUX POUR**
PERCER LES TISSUS
[72] MULLER, Richard P., US
[72] CAMPO, Rudi, BE
[72] AINGER, Raymond III, US
[72] REDLER, Michael H., US
[72] KONSTORUM, Gregory S., US
[72] D'AMELIO, Frank, US
[72] GORDTS, Stefan, BE
[72] BROSENS, Ivo, BE
[71] CIRCON CORPORATION, US
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[43] 1999-12-29
[30] US (09/106,675) 1998-06-29

[21] **2,265,203**
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6A21D 13/08
[25] EN
[54] **ANIMATED FOOD, FOOD**
ADDITIVE AND METHOD
[54] **ALIMENT REHAUSSE, ADDITIF**
ALIMENTAIRE ET METHODE
CONNEXE
[72] SALAZAR, Michelle, US
[72] SMITH, John J., US
[72] HINKEMEYER, Thomas J., US
[72] MANOSKI, Paula M., US
[72] BOUTIN, Robert F., US
[71] THE QUAKER OATS COMPANY, US
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[21] **2,265,405**
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[51] **Int.Cl. 6B62D 33/04 6B62D 25/02**
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[54] **COMPOSITE JOINT**
CONFIGURATION
[54] **CONFIGURATION DE JOINTS**
COMPOSES
[72] EHRLICH, Rodney P., US
[71] WABASH NATIONAL
CORPORATION, US
[22] 1999-03-17
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[30] US (09/108,536) 1998-07-01

[21] **2,266,117**
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[51] **Int.Cl. 6G05B 19/401 6G06T 7/40**
6G06T 7/60 6G01N 21/84
[25] EN
[54] **AUTOMATED MEASUREMENTS**
AND VISUALIZATION SYSTEM
[54] **SYSTEME AUTOMATISE DE**
VISUALISATION ET DE MESURE
[72] CORBY, Nelson Raymond Jr., US
[71] GENERAL ELECTRIC COMPANY,
US
[22] 1999-03-18
[43] 1999-12-26
[30] US (09/105,947) 1998-06-26

[21] **2,267,011**
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[51] **Int.Cl. 6H05B 3/44**
[25] EN
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ELEMENT
[54] **ELEMENT CHAUFFANT**
ENCAPSULE
[72] LARSON, Arden, US
[72] FINGER, John, US
[71] SIOUX STEAM CLEANER CORP., US
[22] 1999-03-25
[43] 1999-12-29
[30] US (09/108,123) 1998-06-29

[21] **2,267,019**
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[51] **Int.Cl. 6E21B 7/12**
[25] EN
[54] **AN UNDERSEA DRILLING**
TEMPLATE
[54] **PLAQUE DE BASE TEMPORAIRE**
SOUS-MARINE
[72] THEISS, David Harold, US
[72] GOODWIN, Michael James, AU
[71] COOPER CAMERON
CORPORATION, US
[22] 1999-03-26
[43] 1999-12-26
[30] AU (PP4347) 1998-06-26

[21] **2,267,618**
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[51] **Int.Cl. 6A23L 1/16**
[25] EN
[54] **NOODLE PRODUCT**
[54] **PRODUIT DE PATE**
ALIMENTAIRE
[72] JAELMINGER, Göran, US
[72] SCOVILLE, Eugene, US
[72] MEYER, Philipp Paul, CH
[71] SOCIETE DES PRODUITS NESTLE
S.A., CH
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[21] **2,267,824**
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[51] **Int.Cl. 6G06F 17/60**
[25] EN
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[54] **LOGICIEL UTILISATEUR 401K**
[72] GILBERT, James A., US
[72] GUPTA, Manish, US
[71] GILBERT, James A., US
[71] GUPTA, Manish, US
[22] 1999-04-01
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[30] US (09/106,009) 1998-06-29

[21] **2,269,178**
[13]

[51] **Int.Cl. 6G01S 11/02 6G08G 1/127**
[25] EN
[54] **METHOD AND APPARATUS FOR**
DETERMINING WHETHER A
WIRELESS STATION IS OPERATING
WITHIN A PRESCRIBED
GEOGRAPHIC REGION
[54] **METHODE ET APPAREIL POUR**
DETERMINER SI UNE STATION SANS
FIL OPERE A L'INTERIEUR D'UNE
REGION GEOGRAPHIQUE DONNEE
[72] LIGHT, Jeffrey Ross, US
[72] STOCKERT, Mark Kevin, US
[72] VARVARO, Charles, US
[72] BOLLIGER, Brian David, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-04-15
[43] 1999-12-30
[30] US (09/108,336) 1998-06-30

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6F16L 37/00 6B60K 13/04
[25] EN
[54] **CONNECTION ASSEMBLY FOR**
AN EXHAUST EXTRACTION SYSTEM
[54] **ASSEMBLAGE DE CONNEXION**
POUR SYSTEME D'EXTRACTION
D'ECHAPPEMENTS
[72] HYSLOP, William J., US
[71] HYSLOP, William J., US
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[30] US (09/109,332) 1998-06-30

[21] **2,269,746**
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[51] **Int.Cl. 6C08K 5/3462 6C08K 5/405**
[25] EN
[54] **1,3-DISUBSTITUTED 6-**
AMINOURACILS FOR STABILIZING
HALOGENATED POLYMERS
[54] **DERIVES-1,3 D'AMINOURACILES-**
6 POUR STABILISER DES POLYMERES
HALOGENES
[72] WEHNER, Wolfgang, DE
[72] FRIEDRICH, Hans-Helmut, DE
[72] KOLB, Markus, DE
[71] WITCO VINYL ADDITIVES GMBH,
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[43] 1999-12-26
[30] CH (1369/98) 1998-06-26

[21] **2,269,747**
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[51] **Int.Cl. 6C07D 239/545 6C08K 5/3462**
6C08K 5/405 6C07D 239/56
[25] EN
[54] **NOVEL NH₂-MODIFIED 6-**
AMINOURACILS AS STABILIZERS
FOR HALOGENATED POLYMERS
[54] **NOUVEAUX AMINOURACILES-6,**
DONT LE NH₂ A ETE MODIFIE,
UTILISES EN TANT QU'AGENTS
STABILISATEURS POUR DES
POLYMERES HALOGENES
[72] WEHNER, Wolfgang, DE
[72] FRIEDRICH, Hans-Helmut, DE
[72] DREWES, Rolf, DE
[71] WITCO VINYL ADDITIVES GMBH,
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[43] 1999-12-26
[30] CH (1370/98) 1998-06-26

[21] **2,269,877**
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[25] EN
[54] **5-SUBSTITUTED 6-**
AMINOURACILS AS STABILIZERS
FOR HALOGENATED POLYMERS
[54] **DERIVES-5 D'AMINOURACILES-6**
EN TANT QU'AGENTS
STABILISATEURS POUR DES
POLYMERES HALOGENES
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[72] FRIEDRICH, Hans-Helmut, DE
[71] WITCO VINYL ADDITIVES GMBH,
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[43] 1999-12-26
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[21] **2,270,241**
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[51] **Int.Cl. 6E05D 11/06 6F25D 23/00**
[25] EN
[54] **ARTICULATING HINGE**
COVERING DOOR STOP
[54] **BUTEE DE PORTE ARTICULEE**
RECOUVRANT LA CHARNIERE D'UNE
PORTE
[72] BECKER, Theodore A., US
[71] MAYTAG CORPORATION, US
[22] 1999-04-27
[43] 1999-12-26
[30] US (09/105,019) 1998-06-26

[21] **2,270,324**
[13]
[51] **Int.Cl. 6H04Q 7/36**
[25] EN
[54] **WIRELESS TERMINAL**
AUTOMATICALLY ALERTING USER
UPON WIRELESS TERMINAL
ENTERING A SPECIFIED PHYSICAL
LOCATION
[54] **TERMINAL SANS FIL QUI**
AVERTIT L'UTILISATEUR DE
L'ENTREE D'UN TERMINAL SANS FIL
DANS UN ENDROIT PHYSIQUE
SPECIFIE
[72] GRIFFITH, Gary L., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-04-28
[43] 1999-12-30
[30] US (09/109,218) 1998-06-30

[21] **2,270,608**
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[51] **Int.Cl. 6H04B 7/02**
[25] EN
[54] **APPARATUS FOR**
COMMUNICATING DIVERSITY
SIGNALS OVER A TRANSMISSION
MEDIUM
[54] **APPAREIL POUR**
COMMUNIQUER DES SIGNAUX EN
DIVERSITE SUR UN SUPPORT DE
TRANSMISSION
[72] FARRIS, Robert L., US
[72] WU, Qiang, US
[72] LARKIN, Robert S., US
[71] RADIO FREQUENCY SYSTEMS,
INC., US
[22] 1999-05-03
[43] 2000-01-01
[30] US (09/108,627) 1998-07-01

[21] **2,270,678**
[13]
[51] **Int.Cl. 6H04Q 7/30**
[25] EN
[54] **ADJUSTABLE HEIGHT GROUND**
LEVEL SERVICEABLE CELLSITE
[54] **STATION CELLULAIRE A**
HAUTEUR REGLABLE POUR
ENTRETIEN AU NIVEAU DU SOL
[72] CANZONIER, James Vincent, US
[72] BOBADILLA, Omar Javier, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-05-04
[43] 1999-12-30
[30] US (09/109,241) 1998-06-30

[21] **2,270,701**
[13]
[51] **Int.Cl. 6H04B 10/20 6H04J 14/02**
[25] EN
[54] **WDM OPTICAL**
COMMUNICATIONS NETWORKS AND
METHODS FOR PROVISIONING
[54] **RESEAUX OPTIQUES DE**
COMMUNICATIONS A
MULTIPLEXAGE EN LONGUEUR
D'ONDE ET METHODES DE MISE EN
PLACE
[72] AYANOGLU, Ender, US
[72] ALANYALI, Murat, TR
[71] LUCENT TECHNOLOGIES INC., US
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[43] 1999-12-30
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[21] **2,270,705**
[13]

[51] **Int.Cl. 6G09G 5/00**
[25] EN
[54] **DISPLAY TECHNIQUE FOR THREE DIMENSIONAL VIRTUAL REALITY**
[54] **TECHNIQUE D’AFFICHAGE POUR REALITE VIRTUELLE TRIDIMENSIONNELLE**
[72] CARRARO, Gianpaolo U., FR
[72] ENSOR, James Robert, FR
[71] LUCENT TECHNOLOGIES, INC., US
[22] 1999-05-04
[43] 1999-12-29
[30] US (09/107,566) 1998-06-29

[21] **2,271,251**
[13]

[51] **Int.Cl. 6G01R 31/26**
[25] EN
[54] **METHOD AND APPARATUS FOR TESTING FIELD PROGRAMMABLE GATE ARRAYS**
[54] **METHODE ET APPAREIL POUR LA VERIFICATION DE PREDIFFUSES PROGRAMMABLES PAR L’UTILISATEUR**
[72] STROUD, Charles Eugene, US
[72] WIJESURIYA, Sajitha S., US
[72] ABRAMOVICI, Miron, US
[71] THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 1999-05-06
[43] 1999-12-30
[30] US (09/109,123) 1998-06-30

[21] **2,271,252**
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[51] **Int.Cl. 6H04Q 1/14 6H04L 12/04 6G09F 3/18**
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[54] **PATCH PANEL AND INTERLOCKING MODULE**
[54] **PANNEAU DE CABLAGE ET MODULE A ENCLENCHEMENT**
[72] MILLER, Timothy Charles, US
[72] CURRY, Richard Wynn, US
[71] LUCENT TECHNOLOGIES, INC., US
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[30] US (09/107,789) 1998-06-30

[21] **2,271,534**
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[51] **Int.Cl. 6G06F 11/30 6G06F 12/14**
[25] EN
[54] **SYSTEM FOR DETECTING TAMPER EVENTS AND CAPTURING THE TIME FOR THEIR OCCURENCE**
[54] **SYSTEME POUR DETECTER DES TENTATIVES DE FRAUDE ET POUR ENREGISTRER L’HEURE ET LA DATE DE CES TENTATIVES**
[72] STEINMETZ, Michael J., US
[72] CROMER, Daryl C., US
[72] LOCKER, Howard, US
[72] WARD, James P., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1999-05-12
[43] 2000-01-01
[30] US (09/108,416) 1998-07-01

[21] **2,271,535**
[13]

[51] **Int.Cl. 6H04N 5/262 6G11B 27/10**
[25] EN
[54] **MULTIMEDIA SEARCH AND INDEXING SYSTEM AND METHOD OF OPERATION USING AUDIO CUES WITH SIGNAL THRESHOLDS**
[54] **SYSTEME DE RECHERCHE ET D’INDEXAGE MULTIMEDIA ET MODE D’OPERATION EMPLOYANT DES SIGNAUX AUDIO ET DES SEUILS DE SIGNAL**
[72] LEE, Peter S., US
[72] WILLNER, Barry E., US
[72] STERN, Edith H., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[43] 1999-12-30
[30] US (09/107,389) 1998-06-30

[21] **2,271,536**
[13]

[51] **Int.Cl. 6G06F 12/02 6G06F 15/167**
[25] EN
[54] **NON-UNIFORM MEMORY ACCESS (NUMA) DATA PROCESSING SYSTEM THAT BUFFERS POTENTIAL THIRD NODE TRANSACTIONS TO DECREASE COMMUNICATION LATENCY**
[54] **SYSTEME DE TRAITEMENT DE DONNEES A ACCES MEMOIRE NON UNIFORME (NUMA) METTANT EN TAMPON DES TRANSACTIONS POTENTIELLES DU TROISIEME NOEUD AFIN DE REDUIRE LE TEMPS DE LATENCE**
[72] IACHETTA, Richard N., Jr., US
[72] CARPENTER, Gary D., US
[72] GLASCO, David B., US
[72] DEAN, Mark E., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[43] 1999-12-30
[30] US (09/106,945) 1998-06-30

[21] **2,271,537**
[13]

[51] **Int.Cl. 6H01H 71/04 6G01R 31/00**
[25] EN
[54] **FAULT INDICATOR HAVING REMOTE LIGHT INDICATION OF FAULT DETECTION**
[54] **INDICATEUR DE PANNE MUNI D’UN VOYANT DE PANNE A DISTANCE**
[72] FEIGHT, Laurence V., US
[71] E.O. SCHWEITZER MANUFACTURING COMPANY, INC., US
[22] 1999-05-12
[43] 1999-12-29
[30] US (09/106,029) 1998-06-29

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[21] **2,271,594**
[13]

[51] **Int.Cl. 6A61G 11/00**
[25] EN
[54] **TILT MECHANISM FOR INFANT CARE APPARATUS**
[54] **MECANISME D'INCLINAISON POUR APPAREIL DE SOINS AUX NOURRISSONS**
[72] JONES, Thomas C., US
[72] JORDAN, Patrick, US
[72] DYKES, Christopher A., US
[72] SWEENEY, Stephen J., US
[71] DATEX-OHMEDA, INC., US
[22] 1999-05-13
[43] 1999-12-29
[30] US (09/106,665) 1998-06-29

[21] **2,271,680**
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[51] **Int.Cl. 6C08F 4/685**
[25] EN
[54] **MIXED TITANIUM-VANADIUM CATALYSTS FOR SOLUTION ETHYLENE POLYMERIZATION**
[54] **CATALYSEURS MIXTES A TITANE ET A VANADIUM POUR POLYMERISATION D'ETHYLENE DE SOLUTION**
[72] BROWN, STEPHEN JOHN, CA
[72] JABER, Isam, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 1999-05-13
[43] 1999-12-29
[30] US (09/106,164) 1998-06-29

[21] **2,271,792**
[13]

[51] **Int.Cl. 6H02M 7/217 6H02M 7/537**
[25] EN
[54] **VOLTAGE CLAMP SNUBBERS FOR THREE LEVEL CONVERTER**
[54] **AMORTISSEURS DE VERROU DE TENSION A VERROUILLAGE AU POINT NEUTRE (NPC) POUR DES CONVERTISSEURS A TROIS NIVEAUX**
[72] ESPELAGE, Paul Martin, US
[72] LYONS, James Patrick, US
[72] WANG, Jing, US
[72] VLATKOVIC, Vlatko, US
[71] GENERAL ELECTRIC COMPANY, US
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[43] 1999-12-30
[30] US (09/108,043) 1998-06-30

[21] **2,272,012**
[13]

[51] **Int.Cl. 6H01R 13/00 6H01R 13/02 6H04B 3/32**
[25] EN
[54] **COMMUNICATION PLUG HAVING LOW COMPLEMENTARY CROSSTALK DELAY**
[54] **PRISE DESTINEE AUX APPLICATIONS DE COMMUNICATION, OFFRANT UNE LATENCE REDUITE DE DIAPHONIE COMPLEMENTAIRE**
[72] LARSEN, Wayne David, US
[72] ENSZ, Lyndon Dee, US
[72] ARNETT, Jaime Ray, US
[72] LIN, Chen-Chieh, US
[72] PHARNEY, Julian Robert, US
[72] ADRIAENSSENS, Luc Walter, US
[71] LUCENT TECHNOLOGIES, INC., US
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[43] 1999-12-30
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[21] **2,272,036**
[13]

[51] **Int.Cl. 6F25D 23/04**
[25] EN
[54] **REFRIGERATOR DOOR STORAGE SYSTEM**
[54] **SYSTEME DE PORTE-ETAGERE DE REFRIGERATEUR**
[72] JOHNSON, Warren F., US
[72] DIETZ, Larry Edward, US
[72] POHL, Douglas Alan, US
[72] ALBERT, Jane, US
[71] MAYTAG CORPORATION, US
[22] 1999-05-14
[43] 1999-12-30
[30] US (09/106,900) 1998-06-30

[21] **2,272,193**
[13]

[51] **Int.Cl. 6H01L 35/02 6F25B 21/02 6H01L 35/34**
[25] EN
[54] **IMPROVED THERMOELECTRIC MODULE AND METHOD OF MANUFACTURING THE SAME**
[54] **MODULE THERMOELECTRIQUE AMELIORE ET METHODE DE FABRICATION DE CELUI-CI**
[72] WERTENBERGER, Larry W., US
[72] CAUCHY, Charles J., US
[71] TELLUREX CORPORATION, US
[22] 1999-05-17
[43] 1999-12-29
[30] US (09/106,637) 1998-06-29

[21] **2,272,220**
[13]

[51] **Int.Cl. 6H02J 13/00**
[25] EN
[54] **ELECTRONIC ENERGY MANAGEMENT SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE GESTION ENERGETIQUE**
[72] VOSS, Thomas R., US
[72] PITCHFORD, Michael E., US
[71] AMEREN CORPORATION, US
[22] 1999-05-18
[43] 1999-12-30
[30] US (09/108,024) 1998-06-30

[21] **2,272,513**
[13]

[51] **Int.Cl. 6H04B 1/76 6H04B 7/216**
[25] EN
[54] **PILOT SYMBOLS**
[54] **SYMOBLES PILOTES**
[72] TEN BRINK, Stephan, DE
[71] LUCENT TECHNOLOGIES, INC., US
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[43] 1999-12-30
[30] EP (98305165.7) 1998-06-30

[21] **2,272,743**
[13]

[51] **Int.Cl. 6C01B 15/043 6A01N 59/00 6C11D 3/395**
[25] EN
[54] **STABILIZED SODIUM CARBONATE PEROXYHYDRATE**
[54] **CARBONATE DE SODIUM PEROXYHYDRATE STABLE**
[72] KORVELA, Timo, FI
[72] RENVALL, Ilkka, FI
[71] KEMIRA CHEMICALS OY, FI
[22] 1999-05-26
[43] 1999-12-26
[30] EP (98660 064.1) 1998-06-26

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[21] **2,273,127**
[13]

[51] **Int.Cl. 6H01M 2/16**
[25] EN
[54] **POLYPROPYLENE
MICROPOROUS MEMBRANE FOR
BATTERY SEPARATOR**
[54] **MEMBRANE MICROPOREUSE DE
POLYPROPYLENE POUR ISOLATEUR
D'ACCUMULATEUR**
[72] WENSLEY, C. Glen, US
[72] FISHER, Harold M., US
[71] CELGARD LLC, US
[22] 1999-05-27
[43] 1999-12-26
[30] US (09/105,516) 1998-06-26

[21] **2,273,201**
[13]

[51] **Int.Cl. 6H01R 13/633**
[25] EN
[54] **REMOTELY ACTIVATED SELF
EXTRACTING PLUG**
[54] **PRISE DE COURANT
AUTOEXTRACTRICE ACTIVEE A
DISTANCE**
[72] FILOTTI, Gabriel, CA
[71] FILOTTI, Gabriel, CA
[22] 1999-05-28
[43] 1999-12-26
[30] US (09/105,137) 1998-06-26

[21] **2,273,283**
[13]

[51] **Int.Cl. 6H01H 3/12 6H01H 13/02**
[25] EN
[54] **PUSH BUTTON SUPPORT
STRUCTURE FOR PUSH SWITCH**
[54] **STRUCTURE DE SUPPORT DE
BOUTON-POUSSOIR POUR
INTERRUPTEUR POUSSOIR**
[72] TAKANO, Tsunesuke, JP
[72] SATO, Takeshi, JP
[71] KABUSHIKI KAISHA T AN T, JP
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[43] 1999-12-30
[30] JP (10-154349) 1998-06-30

[21] **2,273,385**
[13]

[51] **Int.Cl. 6H01R 4/38**
[25] EN
[54] **TERMINAL SYSTEM WITH
DEFORMED SCREW**
[54] **SYSTEME DE BORNE A VIS AVEC
VIS DEFORMEE**
[72] BONILLA, Nelson, US
[72] DONFRANCESCO, Angelo T., US
[71] HUBBELL INCORPORATED, US
[22] 1999-05-31
[43] 1999-12-26
[30] US (09/105,150) 1998-06-26

[21] **2,273,408**
[13]

[51] **Int.Cl. 6C12N 9/16 6A23K 1/165
6C12N 9/96**
[25] EN
[54] **PHYTAGE FORMULATION**
[54] **PREPARATION DE PHYTASE**
[72] WYSS, Markus, CH
[72] LEHMANN, Martin, DE
[72] BRUGGER, Roland, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 1999-06-25
[43] 1999-12-29
[30] EP (98111960.5) 1998-06-29

[21] **2,273,425**
[13]

[51] **Int.Cl. 6H01B 11/22**
[25] EN
[54] **COMPOSITE CABLE FOR ACCESS
NETWORKS**
[54] **CABLE COMPOSITE POUR
RESEAUX D'ACCES**
[72] ANDERSON, Aaron, US
[72] DAVIDSON, Grant, US
[72] SACH, John, US
[71] PIRELLI CABLE CORPORATION, US
[22] 1999-06-01
[43] 1999-12-30
[30] US (09/108,248) 1998-06-30

[21] **2,273,545**
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[51] **Int.Cl. 6A01N 47/44 6B27K 3/34
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[25] EN
[54] **PROCESSED LUMBER MATERIAL**
[54] **MATIERE DE BOIS DE
CONSTRUCTION TRAITEE**
[72] FUJIMOTO, Izumi, JP
[71] SUMITOMO CHEMICAL COMPANY,
LIMITED, JP
[22] 1999-06-03
[43] 1999-12-26
[30] JP (180374/1998) 1998-06-26

[21] **2,273,569**
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[51] **Int.Cl. 6B60T 15/02 6B60T 15/36**
[25] EN
[54] **DIRECT MANIPULATING
DIRECT-GRADUATED RELEASE CAP
FOR 26- TYPE CONTROL VALVES**
[54] **MANIPULATION DIRECTE D'UN
CHAPEAU GRADUE A DESSERRAGE
INTEGRAL POUR SOUPAPES DE
COMMANDE DE TYPE 26**
[72] SANTORO, Ralph Jr., US
[72] KUSHNIR, Lawrence M., Jr., US
[71] WESTINGHOUSE AIR BRAKE
COMPANY, US
[22] 1999-05-27
[43] 1999-12-29
[30] US (106,913) 1998-06-29

[21] **2,273,742**
[13]

[51] **Int.Cl. 6A41D 13/00 6A41B 9/00
6A41D 1/08**
[25] EN
[54] **SPORTS SHORT**
[54] **SHORT SPORT**
[72] WILSON, Douglas A., CA
[72] TORR, Anthony, CA
[71] UVEX TOKO CANADA LTD., CA
[22] 1999-06-04
[43] 1999-12-30
[30] US (09/107,303) 1998-06-30

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[21] 2,273,762
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[51] Int.Cl. 6H04N 5/268
[25] EN
[54] **INFORMATION DISTRIBUTION SYSTEM EXHIBITING DEMOGRAPHIC AFFINITY**
[54] **SYSTEME DE DIFFUSION DE L'INFORMATION PRESENTANT UNE AFFINITE DEMOGRAPHIQUE**
[72] REITMEIER, Glenn Arthur, US
[72] ANDERSON, Bruce James Jr., US
[71] SARNOFF CORPORATION, US
[22] 1999-06-04
[43] 1999-12-26
[30] US (60/090,879) 1998-06-26
[30] US (09/183,249) 1998-10-30

[21] 2,273,766
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[51] Int.Cl. 6A63H 27/10
[25] EN
[54] **FORMABLE BALLOON STICK WITH CONCEALING CUP**
[54] **BATON FORMABLE AVEC COUPE DISSIMULEE POUR BALLON**
[72] NELSON, David C., US
[72] WALDEN, Bruce W., CA
[71] NELSON, David C., US
[22] 1999-06-09
[43] 1999-12-29
[30] US (09/106,555) 1998-06-29

[21] 2,273,783
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[51] Int.Cl. 6G01V 1/30 6G01N 29/00 6G01N 15/08 6G01V 1/42
[25] EN
[54] **METHOD OF IMAGING THE PERMEABILITY AND FLUID CONTENT STRUCTURE WITHIN SEDIMENT**
[54] **TECHNIQUE D'IMAGERIE DE LA STRUCTURE DE PERMEABILITE ET DE LA TENEUR EN LIQUIDE D'UN SEDIMENT**
[72] YAMAMOTO, Tokuo, US
[71] YAMAMOTO ENGINEERING CORPORATION, US
[71] KAWASAKI STEEL CORPORATION, JP
[22] 1999-06-09
[43] 1999-12-30
[30] US (09/107,675) 1998-06-30
[30] US (09/259,952) 1999-03-01

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[51] Int.Cl. 6G06F 9/44 6G06F 9/45
[25] EN
[54] **CODE GENERATION FOR A BYTECODE COMPILER**
[54] **GENERATION DE CODE POUR COMPILATEUR DU TYPE «BYTECODE»**
[72] SHAYLOR, Nicholas, US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-06-11
[43] 1999-12-30
[30] US (09/108,061) 1998-06-30

[21] 2,274,220
[13]

[51] Int.Cl. 6H04Q 7/08
[25] EN
[54] **METHOD AND APPARATUS FOR DYNAMIC ALLOCATION OF A MESSAGING SYSTEM RESOURCE**
[54] **METHODE ET APPAREIL POUR L'ALLOCATION DYNAMIQUE D'UNE RESSOURCE D'UN SYSTEME DE MESSAGERIE**
[72] PHILLIPS, W. Garland, US
[72] GIPSON, Jack Anthony, US
[72] DORENBOSCH, Jheroen Pieter, US
[71] MOTOROLA, INC., US
[22] 1999-06-11
[43] 1999-12-30
[30] US (09/107,763) 1998-06-30

[21] 2,274,273
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[51] Int.Cl. 6B60T 15/36 6B60T 17/18
[25] EN
[54] **BRAKE SYSTEM VALVE HAVING AN ANTI-COMPOUNDING FEATURE**
[54] **ROBINET DE COMMANDE AU PIED DOTE DE CARACTERISTIQUES POUR CONTRER L'ACCUMULATION DE LA FORCE DES FREINS DE STATIONNEMENT ET DE SERVICE**
[72] FISHER, Albert D., US
[71] HALDEX FINANCIAL SERVICES CORPORATION, US
[22] 1999-06-10
[43] 1999-12-30
[30] US (09/109,411) 1998-06-30

[21] 2,274,289
[13]

[51] Int.Cl. 6A01D 34/73 6A01D 34/64
[25] EN
[54] **DEVICE FOR A RIDING MOWER**
[54] **DISPOSITIF POUR TONDEUSE AUTOPORTEE**
[72] EDÉN, Mikael, SE
[72] DAHL, Gunnar, SE
[71] AKTIEBOLAGET ELECTROLUX, SE
[22] 1999-06-09
[43] 1999-12-26
[30] SE (9802284-1) 1998-06-26

[21] 2,274,324
[13]

[51] Int.Cl. 6C08F 210/04 6C08F 212/08 6C08L 23/14 6C08F 214/16 6C08J 3/24
[25] EN
[54] **MODIFICATION OF THERMOPLASTIC VULCANIZATES USING RANDOM PROPYLENE COPOLYMERS**
[54] **MODIFICATION DE VULCANISATS THERMOPLASTIQUES UTILISANT DES COPOLYMERES PROPYLENIQUES STATISTIQUES**
[72] ABDOU-SABET, Sabet, US
[72] DATTA, Sudhin, US
[72] FINERMAN, Terry, US
[72] ELLUL, Maria D., US
[72] GADKARI, Avi, US
[71] ADVANCED ELASTOMER SYSTEMS, L.P., US
[71] EXXON CHEMICAL PATENTS, INC., US
[22] 1999-06-10
[43] 2000-01-01
[30] US (09/108,492) 1998-07-01

[21] 2,274,349
[13]

[51] Int.Cl. 6H04L 12/56
[25] EN
[54] **METHOD AND APPARATUS FOR ACHIEVING FAST RECONNECTION OF PERMANENT VIRTUAL CHANNELS IN A FRAME RELAY NETWORK**
[54] **METHODE ET APPAREIL POUR LA RECONNEXION RAPIDE DES CANAUX PERMANENTS VIRTUELS DANS UN RESEAU DE RELAIS DE TRAME**
[72] ESLAMBOLCHI, Hossein, US
[72] LOCKHART, Clayton M., US
[71] AT&T CORP., US
[22] 1999-06-14
[43] 1999-12-30
[30] US (09/107,984) 1998-06-30

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[21] **2,274,386**
[13]

[51] **Int.Cl. 6B32B 21/08 6B29D 9/00 6B29C 70/28**
[25] EN
[54] **PROCESS FOR MAKING A WOOD-THERMOPLASTIC COMPOSITE HYBRID AND PRODUCT THEREOF**
[54] **PROCEDE POUR LA FABRICATION D'UN COMPOSITE HYBRIDE BOIS/THERMOPLASTIQUE ET PRODUIT COMPRENANT CE COMPOSITE**
[72] LANG, Mark F., CA
[71] BAY MILLS LIMITED, CA
[22] 1999-06-10
[43] 1999-12-30
[30] US (09/107,494) 1998-06-30

[21] **2,274,621**
[13]

[51] **Int.Cl. 6C07D 233/64 6C07D 405/00 6C07D 417/00 6C07D 401/04 6C07D 403/04 6C07D 405/04 6C07D 409/04 6A61K 31/415 6A61K 31/425 6A61K 31/44 6A61K 31/47**
[25] FR
[54] **NOUVEAUX DERIVES DE NITRONE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW NITRONE DERIVATIVES, THEIR PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS COMPRISING THEM**
[72] LOCKHART, Brian, FR
[72] LESTAGE, Pierre, FR
[72] GOLDSTEIN, Solo, FR
[72] TIZOT, André, FR
[72] DHAINAUT, Alain, FR
[71] ADIR ET COMPAGNIE, FR
[22] 1999-06-04
[43] 1999-12-26
[30] FR (98.08116) 1998-06-26

[21] **2,274,923**
[13]

[51] **Int.Cl. 6A63F 9/24**
[25] EN
[54] **METHOD FOR AWARDDING VARIABLE BONUS AWARDS TO GAMING MACHINES OVER A NETWORK**
[54] **METHODE POUR ATTRIBUER PAR RESEAU DIVERS POINTS DE BONIFICATION DES APPAREILS DE JEUX DE HASARD**
[72] ACRES, John F., US
[71] ACRES GAMING INCORPORATED, US
[22] 1999-06-16
[43] 1999-12-26
[30] US (09/105,981) 1998-06-26

[21] **2,274,998**
[13]

[51] **Int.Cl. 6G08B 17/10 6H02J 9/00**
[25] EN
[54] **LIGHT SOCKET ADAPTED SMOKE DETECTOR**
[54] **DETECTEUR DE FUMEE ADAPTE A UNE DOUILLE**
[72] NICHOLSON, Leroy E., US
[71] NICHOLSON, Leroy E., US
[22] 1999-06-15
[43] 2000-01-01
[30] US (60/091,458) 1998-07-01
[30] US (UNKNOWN) 1999-05-12

[21] **2,275,003**
[13]

[51] **Int.Cl. 6G05D 1/12**
[25] EN
[54] **COAXIAL UNFOCUSED OPTICAL SENSOR FOR DUAL MODE SEEKERS**
[54] **CAPTEUR COAXIAL OPTIQUE NON FOCALISE POUR AUTODIRECTEURS BI-MODES**
[72] ANDRESSEN, CLARENCE C., US
[71] ALLIANT DEFENSE ELECTRONICS SYSTEMS, INC., US
[22] 1999-06-15
[43] 1999-12-29
[30] US (09/107,009) 1998-06-29

[21] **2,275,007**
[13]

[51] **Int.Cl. 6H03H 7/01**
[25] EN
[54] **FILTER ARRANGEMENT APPLICABLE TO ADSL SPLITTERS**
[54] **DISPOSITIF-FILTREUR POUVANT S'APPLIQUER A DES DIVISEURS DE LNPA**
[72] VAN WONTERGHEM, GEERT ARTHUR EDITH, BE
[71] ALCATEL, FR
[22] 1999-06-15
[43] 1999-12-26
[30] EP (98401602.2) 1998-06-26

[21] **2,275,008**
[13]

[51] **Int.Cl. 6H03H 7/01**
[25] EN
[54] **FILTER ARRANGEMENT**
[54] **DISPOSITIF-FILTREUR**
[72] REUSENS, PETER PAUL FRANS, BE
[71] ALCATEL, FR
[22] 1999-06-15
[43] 1999-12-26
[30] EP (98401588.3) 1998-06-26

[21] **2,275,017**
[13]

[51] **Int.Cl. 6A01K 1/03 6A01K 1/10**
[25] EN
[54] **MULTISPECIES RODENT CAGE**
[54] **CAGE DE RONGEURS POLYVALENTE**
[72] MURRAY, DALE, US
[72] SHEAFFER, JOHN E., US
[72] IRWIN, LYNN, US
[72] DIETRICH, ERIC A., US
[72] PARK, CHIN SOO, US
[72] CAMPBELL, NEIL E., US
[72] GABRIEL, GEORGE S., US
[72] RUGGIERI, ALBERT P., US
[72] GERRINGER, RODNEY, US
[71] LAB PRODUCTS, INC., US
[22] 1999-06-15
[43] 1999-12-26
[30] US (09/106,389) 1998-06-26
[30] US (09/173,134) 1998-10-15
[30] US (UNKNOWN) 1999-06-07

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[21] **2,275,063**
[13]

[51] **Int.Cl. 6H04L 12/20**
[25] EN
[54] **DIGITAL SWITCH WITH RATE CONVERSION**
[54] **COMMUTATEUR NUMERIQUE AVEC CONVERSION DE DEBIT**
[72] GRESHAM, PAUL, CA
[71] MITEL CORPORATION, CA
[22] 1999-06-17
[43] 1999-12-29
[30] GB (9814023.9) 1998-06-29

[21] **2,275,070**
[13]

[51] **Int.Cl. 6B61F 5/52**
[25] EN
[54] **RAILWAY TRUCK SIDEFAME WITH REINFORCED COLUMNS**
[54] **LONGERON DE BOGIE AVEC COLONNES RENFORCEES POUR WAGONS-MARCHANDISES**
[72] HAWTHORNE, TERREY V., US
[72] GOLEMBIEWSKI, RONALD D., US
[72] MOEHLING, CHARLES, US
[72] TOUSSAINT, BRIAN A., US
[71] AMSTED INDUSTRIES INCORPORATED, US
[22] 1999-06-17
[43] 1999-12-26
[30] US (09/105,993) 1998-06-26

[21] **2,275,073**
[13]

[51] **Int.Cl. 6H04B 7/26 6B60C 23/02**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING REMOTE SENDING UNITS IN A VEHICULE**
[54] **METHODE ET APPAREIL POUR IDENTIFIER A DISTANCE DES TRANSMETTEURS DE PRESSION DANS UN VEHICULE**
[72] MURPHY, DERMOT J., IE
[72] STEWART, WILLIAM D., IE
[72] MCCLELLAND, STEPHEN T., IE
[71] SCHRADER-BRIDGEPORT INTERNATIONAL, INC., US
[22] 1999-06-17
[43] 1999-12-26
[30] US (09/105,631) 1998-06-26

[21] **2,275,074**
[13]

[51] **Int.Cl. 6C12Q 1/18**
[25] EN
[54] **PILOT DRAIN SYSTEM FOR RAPID BIOFILM FORMATION**
[54] **DISPOSITIF D'EVACUATION PILOTE POUR LA FORMATION RAPIDE D'UN FILM BIOLOGIQUE**
[72] BAKICH, SHANNON L., US
[72] GIPP, MARK M., US
[72] VARANASI, PADMA PRABODH, US
[72] MILESTONE, DONALD M., US
[71] S. C. JOHNSON & SON, INC., US
[22] 1999-06-17
[43] 1999-12-29
[30] US (09/106,615) 1998-06-29

[21] **2,275,086**
[13]

[51] **Int.Cl. 6G06F 17/10 6G06F 17/13 6G06F 7/64**
[25] EN
[54] **NUMERICAL ANALYZING METHOD, ELEMENT ANALYZING BLOCKS, AND PROCESSING APPARATUS FOR NUMERICAL ANALYSIS**
[54] **METHODE D'ANALYSE NUMERIQUE, BLOCS D'ANALYSE D'ELEMENTS ET DISPOSITIF DE TRAITEMENT POUR ANALYSE NUMERIQUE**
[72] KAWAI, TADAHIKO, JP
[71] KAWAI, TADAHIKO, JP
[22] 1999-06-17
[43] 2000-01-01
[30] JP (10-201132) 1998-07-01
[30] JP (10-201133) 1998-07-01

[21] **2,275,092**
[13]

[51] **Int.Cl. 6H04M 3/42 6H04Q 1/30**
[25] EN
[54] **METHOD FOR PROVIDING TELECOMMUNICATIONS SERVICES AS WELL AS SWITCHING NODES, SERVICE CONTROL NODES AND SWITCHING SYSTEM**
[54] **METHODE DE PRESTATION DE SERVICES DE TELECOMMUNICATIONS, NOEUDS DE COMMUTATION, NOEUDS DE COMMANDE DE SERVICES ET SYSTEME DE COMMUTATION**
[72] KAISER, BERNHARD, DE
[71] ALCATEL, FR
[22] 1999-06-16
[43] 1999-12-30
[30] DE (198 29 024.1) 1998-06-30

[21] **2,275,116**
[13]

[51] **Int.Cl. 6H04L 12/26**
[25] EN
[54] **METHOD AND APPARATUS FOR EVENT DETECTION IN A SWITCHING SYSTEM**
[54] **METHODE ET APPAREIL POUR LA DETECTION D'EVENEMENTS DANS UN SYSTEME DE COMMUTATION**
[72] GRESHAM, PAUL, CA
[71] MITEL CORPORATION, CA
[22] 1999-06-18
[43] 1999-12-30
[30] GB (9813971.0) 1998-06-30

[21] **2,275,123**
[13]

[51] **Int.Cl. 6B42F 3/04**
[25] EN
[54] **SEAL FOR NOTEBOOK AND ALBUM RINGS**
[54] **JOINT DE SECURITE POUR ANNEAUX DE CAHIERS ET D'ALBUMS**
[72] WILLIAMS, RANDALL DALE, US
[71] INTERCRAFT COMPANY, US
[22] 1999-06-18
[43] 2000-01-01
[30] US (09/108936) 1998-07-01

[21] **2,275,262**
[13]

[51] **Int.Cl. 6E01C 5/00**
[25] FR
[54] **ELEMENT MODULAIRE PRECOMPOSE POUR PAVAGES EN PETITS CUBES ET SIMILAIRES DE MATERIAUX PIERREUX ET PROCEDE DE REALISATION DE CELUI-CI**
[54] **PREFABRICATED MODULAR PAVING ELEMENT COMPOSED OF SMALL, STONE-LIKE CUBES, AND ITS METHOD OF PRODUCTION**
[72] PARISENTI, PATRIZIA, IT
[71] PATMAS INTERNATIONAL INC., CA
[22] 1999-06-17
[43] 1999-12-26
[30] IT (MI 98A001461) 1998-06-26

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[21] **2,275,369**
[13]

[51] **Int.Cl. 6E03F 1/00**
[25] EN
[54] **SEWER SYSTEM**
[54] **RESEAU D'EGOUTS**
[72] VON VARFALVA PALFFY, BJORN, SE
[72] NILSSON, AKE, SE
[72] OHLSSON, BENGT, SE
[71] EVAC INTERNATIONAL OY, FI
[22] 1999-06-18
[43] 2000-01-01
[30] FI (981512) 1998-07-01

[21] **2,275,469**
[13]

[51] **Int.Cl. 6C01B 17/04**
[25] EN
[54] **PARTIAL COMBUSTION OF HYDROGEN SULPHIDE**
[54] **COMBUSTION PARTIELLE DE SULFURE D'HYDROGENE**
[72] GRAVILLE, STEPHEN RHYS, GB
[72] WAINFORD, JOHN ALLEN, GB
[72] WATSON, RICHARD WILLIAM, GB
[71] THE BOC GROUP PLC, GB
[22] 1999-06-18
[43] 1999-12-29
[30] GB (9814064.3) 1998-06-29

[21] **2,275,518**
[13]

[51] **Int.Cl. 6G02B 6/16**
[25] EN
[54] **FIBER OPTIC RIBBON INTERCONNECT CABLE**
[54] **CABLE D'INTERCONNEXION EN RUBAN DE FIBRE OPTIQUE**
[72] RUTTERMAN, DANIEL J., US
[72] SCHIEFER, RONALD D., US
[71] SIECOR OPERATIONS, LLC, US
[22] 1999-06-18
[43] 1999-12-30
[30] US (09/107,676) 1998-06-30

[21] **2,275,741**
[13]

[51] **Int.Cl. 6E21B 43/01**
[25] FR
[54] **SYSTEME DE PRODUCTION POLYPHASIQUE ADAPTE POUR LES GRANDES PROFONDEURS D'EAU**
[54] **POLYPHASIC PRODUCTION SYSTEM SUITED FOR DEEP SEA APPLICATIONS**
[72] GIANNESINI, JEAN-FRANÇOIS, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 1999-06-29
[43] 1999-12-30
[30] FR (98/08.374) 1998-06-30

[21] **2,275,784**
[13]

[51] **Int.Cl. 6H04N 7/15**
[25] EN
[54] **WRISTWATCH-BASED VIDEOCONFERENCING SYSTEM**
[54] **SYSTEME DE VIDEOCONFERENCE SUR MONTRE-BRACELET**
[72] MANN, STEVE, CA
[71] MANN, STEVE, CA
[22] 1999-06-29
[43] 1999-12-29
[30] CA (2,237,939) 1998-06-29
[30] CA (2,247,649) 1998-10-13
[30] CA (2,248,473) 1998-10-29

[21] **2,275,791**
[13]

[51] **Int.Cl. 6B65B 11/42 6B65B 63/02**
[25] EN
[54] **APPARATUS FOR WRAPPING CUBOIDAL ARTICLES WITH A WEB-LIKE WRAPPING MATERIAL**
[54] **APPAREIL POUR L'EMBALLAGE D'ARTICLES DE FORME CUBIQUE DANS UNE MATIERE DU TYPE TOILE**
[72] KRAMPS, JAN, NL
[71] FERAG AG, CH
[22] 1999-06-21
[43] 1999-12-30
[30] CH (1998 1389/98) 1998-06-30

[21] **2,275,798**
[13]

[51] **Int.Cl. 6H04N 7/00 6H04N 7/15**
[25] EN
[54] **WRISTWORN OR HANDHELD VIDEO PRODUCTION FACILITY OR VIDEOCONFERENCING SYSTEM**
[54] **DISPOSITIF DE PRODUCTION VIDEO OU SYSTEME DE VIDEOCONFERENCE SUR MONTRE-BRACELET OU EN FORMAT DE POCHE**
[72] MANN, STEVE, CA
[71] MANN, STEVE, CA
[22] 1999-06-29
[43] 1999-12-29
[30] CA (2,237,939) 1998-06-29
[30] CA (2,247,649) 1998-10-13
[30] CA (2,248,473) 1998-10-29

[21] **2,275,850**
[13]

[51] **Int.Cl. 6E21B 49/00**
[25] EN
[54] **WELL LOGGING APPARATUS**
[54] **APPAREIL DE DIAGRAPHIE DE SONDAGE**
[72] MAYOR, TERENCE PAUL, GB
[72] PEREIRA, CHARLES ALEXANDER, GB
[72] EASTER, CHARLES RICHARD, GB
[72] SAMWORTH, JAMES ROGER, GB
[71] REEVES WIRELINE TECHNOLOGIES LTD., GB
[22] 1999-06-21
[43] 1999-12-26
[30] GB (9813735.9) 1998-06-26

[21] **2,275,906**
[13]

[51] **Int.Cl. 6B65H 63/00 6B65H 61/00 6B65H 63/08 6B65H 67/08**
[25] EN
[54] **MONITORING MEANS FOR AN END OF A THREAD-LIKE MATERIAL WOUND ON A SUPPLY COIL AND PROCESS FOR THIS**
[54] **MOYENS DE SURVEILLANCE DU BOUT D'UN MATERIEL FILAMENTEUX ENROULE SUR UNE BOBINE D'ALIMENTATION ET PROCESSUS CONNEXE**
[72] STICHT, WALTER, AT
[71] STICHT, WALTER, AT
[22] 1999-06-22
[43] 1999-12-26
[30] AT (A 1111/98) 1998-06-26

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[21] **2,276,045**
[13]
[51] **Int.Cl. 6C12Q 1/28 6G01N 33/53 6G01N 21/59**
[25] EN
[54] **NOVEL REGISTRATION SYSTEMS FOR VANADIUM BROMOPEROXIDASE**
[54] **NOUVEAUX SYSTEMES D'ENREGISTREMENT POUR LA BROMOPEROXYDASE DE VANADIUM**
[72] WEBER, WAYNE W., II, US
[72] SNOKE, ROY E., US
[72] GROULX, SARAH F., US
[72] FRIEDMAN, ALAN E., US
[72] DETTY, MICHAEL R., US
[71] **ORTHO-CLINICAL DIAGNOSTICS, INC., US**
[22] 1999-06-23
[43] 1999-12-29
[30] US (60/091,033) 1998-06-29
[30] US (UNKNOWN) 1999-06-03

[21] **2,276,062**
[13]
[51] **Int.Cl. 6C10M 145/14**
[25] EN
[54] **HOMOGENEOUS ADDITIVE CONCENTRATES FOR PREPARING LUBRICATING OIL COMPOSITIONS**
[54] **ADDITIF CONCENTRE HOMOGENE POUR LA PREPARATION DE COMPOSITIONS D'HUILE LUBRIFIANTE**
[72] TIPTON, CRAIG D., US
[71] **THE LUBRIZOL CORPORATION, US**
[22] 1999-06-23
[43] 1999-12-30
[30] US (09/109,891) 1998-06-30

[21] **2,276,082**
[13]
[51] **Int.Cl. 6B41J 2/175**
[25] EN
[54] **ABSORBER AND CONTAINER FOR INK JET RECORDING LIQUID USING SUCH ABSORBER**
[54] **ABSORBEUR ET RECIPIENT D'ENCRE POUR UNE IMPRIMANTE A JET D'ENCRE UTILISANT UN TEL ABSORBEUR**
[72] SHIMIZU, EIICHIRO, JP
[72] HAYASHI, HIROKI, JP
[72] YAMAMOTO, HAJIME, JP
[71] **CANON KABUSHIKI KAISHA, JP**
[22] 1999-06-23
[43] 1999-12-26
[30] JP (10-180449) 1998-06-26

[21] **2,276,096**
[13]
[51] **Int.Cl. 6B29C 41/20 6A61L 27/00 6A61F 2/06**
[25] EN
[54] **PROCESS FOR COATING STENTS**
[54] **PROCEDE POUR LE REVETEMENT D'UN TUTEUR**
[72] ROLLER, MARK B., US
[72] LLANOS, GERARD H., US
[72] KOPIA, GREGORY A., US
[72] HOSSAINY, SYED F. A., US
[71] **ETHICON, INC., US**
[22] 1999-06-22
[43] 1999-12-30
[30] US (09/294,164) 1999-04-19
[30] US (60/091,217) 1998-06-30

[21] **2,276,162**
[13]
[51] **Int.Cl. 6B05D 1/30 6B05B 5/16 6B05D 7/24 6B05D 1/36**
[25] EN
[54] **COATING DEVICE AND COATING METHOD**
[54] **DISPOSITIF ET METHODE DE REVETEMENT**
[72] KUSTERMAN, MARTIN, DE
[71] **VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE**
[22] 1999-06-22
[43] 2000-01-01
[30] DE (198 29 449.2) 1998-07-01

[21] **2,276,165**
[13]
[51] **Int.Cl. 6C11D 3/39 6C11D 7/18 6C11D 3/36 6C11D 7/38 6C11D 3/48 6C11D 1/72**
[25] EN
[54] **CLEANING COMPOSITION FOR REMOVING MILDEW, SOAP SCUM AND HARD WATER SCALE**
[54] **COMPOSITION DE NETTOYAGE POUR L'ELIMINATION DE LA MOISSISURE, DES RESIDUS DU SAVON ET DES DEPOTS DUS A L'EAU DURE**
[72] TANGELDER, BERNARDUS M., CA
[71] **OXYGON TECHNOLOGIES INC., CA**
[22] 1999-06-22
[43] 1999-12-30
[30] US (60/091,292) 1998-06-30
[30] US (09/296,828) 1999-04-22

[21] **2,276,220**
[13]
[51] **Int.Cl. 6E21C 11/02 6E21B 7/02**
[25] EN
[54] **DRILL RIG**
[54] **APPAREIL DE FORAGE**
[72] BUHRMANN, RUDOLPH, ZA
[71] **HYDRO POWER ENGINEERING (PROPRIETARY) LIMITED, ZA**
[71] **NORTHAM PLATINUM LIMITED, ZA**
[22] 1999-06-23
[43] 1999-12-29
[30] ZA (98/5646) 1998-06-29

[21] **2,276,221**
[13]
[51] **Int.Cl. 6C10L 3/10**
[25] EN
[54] **DEVICE FOR PERFORMING CATALYTIC CHEMICAL REACTIONS OF A FLUID IN THE GAS PHASE**
[54] **DISPOSITIF POUR PROVOQUER DES REACTIONS CHIMIQUES CATALYTIQUES DANS UN FLUIDE EN PHASE GAZEUSE**
[72] MARSCH, HANS-DIETER, DE
[71] **KRUPP UHDE GMBH, DE**
[22] 1999-06-25
[43] 1999-12-27
[30] DE (198 28 777.1) 1998-06-27

[21] **2,276,230**
[13]
[51] **Int.Cl. 6B23Q 11/12**
[25] EN
[54] **DEVICE FOR PRODUCING A FINE MIST OF OIL**
[54] **DISPOSITIF POUVANT PRODUIRE UN FIN NUAGE D'HUILE**
[72] GEISS, ARTUR, DE
[71] **ACCULUBE MANUFACTURING GMBH - SCHMIERMITTEL UND - GERÄTE, DE**
[22] 1999-06-23
[43] 1999-12-27
[30] DE (298 11 504.2) 1998-06-27

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[21] **2,276,232**
[13]

[51] **Int.Cl. 6C08G 73/10 6C09D 179/08 6C09D 183/10 6C08G 77/455**
[25] EN
[54] **NOVEL POLYCARBODIIMIDE POLYMERS AND THEIR USE AS ADHESIVE INTERMEDIATE LAYERS IN AUTOMOTIVE COATINGS**
[54] **NOUVEAUX POLYMERES DE POLYCARBODIIMIDE ET LEUR UTILISATION COMME COUCHES INTERMEDIAIRES ADHESIVES DANS LES REVETEMENTS POUR AUTOMOBILES**
[72] TYE, ANTHONY J., US
[71] BASF CORPORATION, US
[22] 1999-06-25
[43] 2000-01-01
[30] US (09/108,497) 1998-07-01

[21] **2,276,235**
[13]

[51] **Int.Cl. 6H04L 9/32 6H04L 12/22**
[25] EN
[54] **AUTHENTICATION PROCESS FOR PROTECTED ACCESSES IN A NETWORKED DATA PROCESSING SYSTEM**
[54] **PROCEDE D'AUTHENTIFICATION POUR ACCES LIMITE DANS UN SYSTEME DE TRAITEMENT DE DONNEES EN RESEAU**
[72] SARCHER, PHILIPPE, FR
[72] CAUBIT, PIERRE, FR
[71] BULL S.A., FR
[22] 1999-06-23
[43] 1999-12-30
[30] FR (98 08300) 1998-06-30

[21] **2,276,242**
[13]

[51] **Int.Cl. 6D21C 5/02 6C12S 3/08**
[25] EN
[54] **A METHOD FOR RECYCLING OF OLD CORRUGATED CONTAINER USING FLOTATION AND ENZYMATIC HYDROLYSIS**
[54] **METHODE DE RECYCLAGE DE VIEILLES BOITES EN CARTON ONDULE SE SERVANT DE LA FLOTTATION ET DE L'HYDROLYSE ENZYMATIQUE**
[72] JI, KYOUNG RAK, KR
[72] SHIN, JONG HO, KR
[72] OW, SAY KYOUN, KR
[72] RYU, JEONG YONG, KR
[71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
[22] 1999-06-25
[43] 1999-12-27
[30] KR (98-24525) 1998-06-27

[21] **2,276,246**
[13]

[51] **Int.Cl. 6D21C 5/02**
[25] EN
[54] **A METHOD FOR RECYCLING OF OLD CORRUGATED CONTAINER USING FLOTATION AND KNEADING TREATMENT**
[54] **METHODE DE RECYCLAGE DE VIEILLES BOITES EN CARTON ONDULE SE SERVANT DE LA FLOTTATION ET DU MALAXAGE**
[72] JI, KYOUNG RAK, KR
[72] RYU, JEONG YONG, KR
[72] SHIN, JONG HO, KR
[72] OW, SAY KYOUN, KR
[71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
[22] 1999-06-25
[43] 1999-12-27
[30] KR (98-24526) 1998-06-27

[21] **2,276,260**
[13]

[51] **Int.Cl. 6E05D 3/02**
[25] EN
[54] **HINGE**
[54] **CHARNIERE**
[72] SITTER, HARALD, CH
[71] CHARMAG S.A., CH
[22] 1999-06-25
[43] 1999-12-26
[30] EP (98 810 599.5) 1998-06-26

[21] **2,276,261**
[13]

[51] **Int.Cl. 6F25D 23/00 6F25D 3/00 6F25D 3/14**
[25] EN
[54] **INSULATED CONTAINER**
[54] **CONTENEUR ISOLE**
[72] LOZZA, LAURA, NO
[72] SHOTTOM, PAUL, GB
[72] SPANGELO, ASE, GB
[72] HASE, GARY M., US
[72] TRUNDLEY, COLIN, GB
[71] H & R INDUSTRIES, INCORPORATED, US
[71] NORSK HYDRO ASA, NO
[22] 1999-06-25
[43] 1999-12-26
[30] NO (982971) 1998-06-26

[21] **2,276,268**
[13]

[51] **Int.Cl. 6E06B 9/322**
[25] EN
[54] **LENGTH ADJUSTABLE VENETIAN TYPE BLIND HAVING CLAMPS**
[54] **STORE VENITIEN A LONGUEUR REGLABLE MUNI D'ATTACHES**
[72] JUDKINS, REN, US
[71] JUDKINS, REN, US
[22] 1999-06-25
[43] 1999-12-26
[30] US (09/106,033) 1998-06-26

[21] **2,276,271**
[13]

[51] **Int.Cl. 6A61F 13/26**
[25] EN
[54] **METHOD OF MAKING A COATED TAMPON APPLICATOR**
[54] **METHODE DE FABRICATION D'UN APPLICATEUR DE TAMPON HYGIENIQUE ENDUIT**
[72] BLANCHARD, STEPHEN J., US
[71] MCNEIL-PPC, INC, US
[22] 1999-06-25
[43] 1999-12-26
[30] US (09/105,787) 1998-06-26

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[21] **2,276,280**
[13]
[51] **Int.Cl. 6B27L 5/02 6B27B 31/00**
[25] EN
[54] **APPARATUS AND METHOD FOR CENTERING AND FEEDING LOG**
[54] **APPAREIL ET METHODE DE CENTRAGE ET D'ALIMENTATION DE RONDINS**
[72] SUZUKI, SHUNICHI, JP
[72] NAKAMURA, TSUYOSHI, JP
[71] MEINAN MACHINERY WORKS, INC., JP
[22] 1999-06-25
[43] 1999-12-26
[30] JP (180845/1998) 1998-06-26

[21] **2,276,313**
[13]
[51] **Int.Cl. 6A61B 17/32 6A61B 17/36**
[25] EN
[54] **BALANCED ULTRASONIC BLADE INCLUDING A PLURALITY OF BALANCE ASYMMETRIES**
[54] **LAME ULTRASONORE EQUILIBREE COMPRENANT DE MULTIPLES ASYMETRIES D'EQUILIBRAGE**
[72] BEAUPRE, JEAN M., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 1999-06-25
[43] 1999-12-29
[30] US (09/106,686) 1998-06-29

[21] **2,276,316**
[13]
[51] **Int.Cl. 6A61B 17/32 6A61B 17/36**
[25] EN
[54] **METHOD OF BALANCING ASYMMETRIC ULTRASONIC SURGICAL BLADES**
[54] **METHODE D'EQUILIBRAGE DE LAMES CHIRURGICALES ULTRASONORES ASYMETRIQUES**
[72] BEAUPRE, JEAN M., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 1999-06-25
[43] 1999-12-29
[30] US (09/106,661) 1998-06-29

[21] **2,276,295**
[13]
[51] **Int.Cl. 6A47J 27/00 6A47J 36/02**
[25] EN
[54] **COOKING VESSEL WHOSE BOTTOM IS REINFORCED BY A PLATE AND RADIAL GROOVES**
[54] **RECIPIENT POUR LA CUISSON DONT LE FOND EST RENFORCE PAR UNE PLAQUE ET DES RAINURES RADIALES**
[72] BRASSET, JEAN-FRANÇOIS, FR
[71] SEB S.A., FR
[22] 1999-06-25
[43] 2000-01-01
[30] FR (98 08 408) 1998-07-01

[21] **2,276,314**
[13]
[51] **Int.Cl. 6C08J 9/06 6C08K 5/01**
[25] EN
[54] **EXPANDABLE POLYSTYRENE COMPOSITION, EXPANDED BEADS AND MOULDED PARTS**
[54] **COMPOSITION DE POLYSTYRENE EXPANSIBLE EN FORME DE PERLES EXPANSEES ET PIECES MOULEES**
[72] CARLIER, CHRISTOPHE, FR
[72] GALEWSKI, JEAN-MARC, FR
[72] DOUAY, DAVID, FR
[71] BP CHEMICALS LIMITED, GB
[22] 1999-06-28
[43] 1999-12-29
[30] FR (98 08436) 1998-06-29

[21] **2,276,318**
[13]
[51] **Int.Cl. 6C07C 323/58 6C07C 319/14**
[25] EN
[54] **PROCESS FOR S-ARYL-CYSTEINE AND DERIVATIVES**
[54] **PROCESSUS POUR LE S-ARYLE-CYSTEINE ET DERIVES CONNEXES**
[72] TOPPING, ROBERT J., US
[72] JOHNSTON, DAVE A., US
[72] KHATRI, HIRALAL N., US
[72] DAUER, RICHARD R., US
[72] BROWN, JACK D., US
[72] HARRINGTON, PETER JOHN, US
[72] ROWE, GARY K., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 1999-06-28
[43] 1999-12-29
[30] US (60/091,102) 1998-06-29
[30] US (60/096,142) 1998-08-11

[21] **2,276,309**
[13]
[51] **Int.Cl. 6A61B 17/32 6A61B 17/36**
[25] EN
[54] **CURVED ULTRASONIC BLADE HAVING A TRAPEZOIDAL CROSS SECTION**
[54] **LAME ULTRASONORE COURBE AYANT UNE SECTION TRANSVERSALE TRAPEZOIDALE**
[72] BEAUPRE, JEAN M., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 1999-06-25
[43] 1999-12-29
[30] US (09/106,415) 1998-06-29

[21] **2,276,315**
[13]
[51] **Int.Cl. 6G06K 19/07**
[25] EN
[54] **IDENTIFICATION CARD PROCESSING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE TRAITEMENT DE CARTES D'IDENTIFICATION**
[72] TSUCHIYA, KEIJI, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 1999-06-28
[43] 2000-01-01
[30] JP (186262/1998) 1998-07-01

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[21] **2,276,320**
[13]

[51] **Int.Cl. 6C07D 211/22**
[25] EN
[54] **L-TARTRATE OF TRANS-(-)-4-(4-FLUOROPHENYL)-3-HYDROXYMETHYLPIPERIDINE COMPOUND AND PROCESS FOR PREPARING THE SAME**
[54] **COMPOSE DE L-TARTRE DE TRANS-(-)-4-(4-FLUOROPHENYLE)-3-HYDROXYMETHYLPIPERIDINE ET PROCESSUS DE PREPARATION DE CELUI-CI**
[72] ISHIBASHI, TARO, JP
[72] KAWADA, YOSHIHIRO, JP
[72] YUMOTO, HIROYUKI, JP
[72] YOSHIKAWA, TAICHI, JP
[72] IGI, MASAMI, JP
[72] YAMAZAKI, SHIGEYA, JP
[71] SUMIKA FINE CHEMICALS CO., LTD., JP
[22] 1999-06-28
[43] 1999-12-29
[30] JP (10-182766) 1998-06-29

[21] **2,276,323**
[13]

[51] **Int.Cl. 6C08L 47/00 6C08L 45/00 6C08L 23/16 6C08L 23/20**
[25] EN
[54] **THERMOPLASTIC ELASTOMER BASED ON OLEFIN AND PROCESS FOR PRODUCING THE SAME**
[54] **ELASTOMERE THERMOPLASTIQUE A BASE D'OLEFINE, ET PROCEDE POUR L'OBTENIR**
[72] KOBAYASHI, KYOKO, JP
[72] UCHIYAMA, AKIRA, JP
[71] MITSUI CHEMICALS, INC., JP
[22] 1999-06-28
[43] 1999-12-30
[30] JP (184292/1998) 1998-06-30
[30] JP (72919/1999) 1999-03-18

[21] **2,276,324**
[13]

[51] **Int.Cl. 6A61K 31/445**
[25] EN
[54] **LORATADINE FOR USE AS AN ANTIARRHYTHMIC**
[54] **LA LORATADINE EMPLOYEE COMME ANTI-ARYTHMISANT**
[72] SATLER, CAROL ANN, US
[72] FRIEDRICH, TILMAN, US
[72] BUCKLAND, GUY, US
[71] PFIZER PRODUCTS, INC., US
[22] 1999-06-28
[43] 1999-12-30
[30] US (60/091,246) 1998-06-30

[21] **2,276,327**
[13]

[51] **Int.Cl. 6A61L 15/16 6A61L 15/44**
[25] EN
[54] **ADDING PHARMACEUTICALLY ACTIVE COMPOUNDS TO SUBSTRATES**
[54] **PROCEDE POUR AJOUTER DES COMPOSES PHARMACEUTIQUES ACTIFS A UN SUPPORT DE BASE**
[72] YANG, CHING-YUN MORRIS, US
[71] MCNEIL-PPC, INC, US
[22] 1999-06-28
[43] 1999-12-30
[30] US (09/109,342) 1998-06-30

[21] **2,276,333**
[13]

[51] **Int.Cl. 6A01K 69/08**
[25] EN
[54] **MINNOW TRAP**
[54] **PIEGE A CYPRINS**
[72] ROWLEY, BARRY J., CA
[71] ROWLEY, IRENE, CA
[22] 1999-06-25
[43] 1999-12-26
[30] US (09/111,260) 1998-06-26

[21] **2,276,334**
[13]

[51] **Int.Cl. 6G06K 19/07**
[25] EN
[54] **IDENTIFICATION CARD READING APPARATUS AND METHOD**
[54] **LECTEUR DE CARTES D'IDENTIFICATION ET METHODE CONNEXE**
[72] OKUDA, OSAMU, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 1999-06-28
[43] 2000-01-01
[30] JP (186261/1998 (PAT.)) 1998-07-01

[21] **2,276,336**
[13]

[51] **Int.Cl. 6H04L 29/02**
[25] EN
[54] **METHOD AND DEVICE FOR THE NUMERIC CONTROL OF THE BUFFER AND OF A PHASE-LOCKED LOOP FOR ASYNCHRONOUS NETWORKS**
[54] **METHODE ET DISPOSITIF DE COMMANDE NUMERIQUE DU TAMPON ET D'UNE BOUCLE A PHASE ASSERVIE POUR RESEAUX ASYNCHRONES**
[72] MELI, DANIELE, IT
[72] CUCCHI, SILVIO, IT
[71] ALCATEL, FR
[22] 1999-06-25
[43] 2000-01-01
[30] IT (MI 98A 001 508) 1998-07-01

[21] **2,276,342**
[13]

[51] **Int.Cl. 6H04M 3/54**
[25] EN
[54] **PARALLEL CALL DELIVERY AT SEVERAL TK NETWORK ACCESSES**
[54] **ACHEMINEMENT D'APPELS EN PARALLELE VERS PLUSIEURS ACCES AU RESEAU DE TELECOMMUNICATIONS**
[72] STAHL, UWE, DE
[72] LAUTENSCHLAGER, WOLFGANG, DE
[72] WEIK, HARTMUT, DE
[72] KRANK, LOTHAR, DE
[71] ALCATEL, FR
[22] 1999-06-25
[43] 2000-01-01
[30] DE (198 29 342.9) 1998-07-01

[21] **2,276,343**
[13]

[51] **Int.Cl. 6H04Q 3/58 6H04M 3/42**
[25] EN
[54] **SERVICE PROVISIONING SYSTEM**
[54] **SYSTEME DE FOURNITURE DE SERVICE**
[72] KAISER, BERNHARD, DE
[71] ALCATEL, FR
[22] 1999-06-25
[43] 1999-12-30
[30] DE (198 29 026.8) 1998-06-30

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[21] **2,276,350**
[13]
[51] **Int.Cl. 6G09F 19/00 6G09F 13/04**
[25] EN
[54] **A DEMONSTRATION DISPLAY FOR LIGHTING CONTROLS**
[54] **PRESENTATION DE DEMONSTRATION DES COMMANDES D'APPAREILS D'ECLAIRAGE**
[72] LYNCH, CAROL, US
[72] HAVERKOST, KURT L., US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 1999-06-25
[43] 1999-12-30
[30] US (09/107,936) 1998-06-30

[21] **2,276,379**
[13]
[51] **Int.Cl. 6F16F 9/58**
[25] EN
[54] **SNAP-ON BUMPER FOR AIR SPRING**
[54] **PARE-CHOC ENCLIQUETABLE POUR RESSORT PNEUMATIQUE**
[72] HILBURGER, MARK D., US
[72] TAGHIZADCH, MOHAMAD, US
[72] LEONARD, DANIEL J., US
[71] BRIDGESTONE/FIRESTONE, INC., US
[22] 1999-06-28
[43] 1999-12-30
[30] US (09/107,622) 1998-06-30

[21] **2,276,388**
[13]
[51] **Int.Cl. 6A47L 13/22**
[25] EN
[54] **MOP WITH INTEGRATED WATER PUMP**
[54] **VADROUILLE AVEC POMPE A EAU INTEGREE**
[72] LI, JIAN YING, CN
[71] LI, JIAN YING, CN
[22] 1999-06-28
[43] 1999-12-29
[30] CN (98 2 24415.0) 1998-06-29

[21] **2,276,376**
[13]
[51] **Int.Cl. 6H05K 1/18**
[25] EN
[54] **POWER MODULE BOARD AND POWER MODULE USING THE BOARD**
[54] **PLAQUE DE MODULE D'ALIMENTATION ET MODULE D'ALIMENTATION EMPLOYANT CETTE PLAQUE**
[72] SASAKI, KAZUTAKA, JP
[72] HIROSE, YOSHIYUKI, JP
[72] SHIMAZU, MITSURU, JP
[72] NAKATA, HIROHIKO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1999-06-28
[43] 1999-12-30
[30] JP (10-184217) 1998-06-30
[30] JP (11-021480) 1999-01-29

[21] **2,276,383**
[13]
[51] **Int.Cl. 6C11D 3/37 6C11D 17/08**
[25] EN
[54] **ISOTROPIC LIQUID DETERGENT**
[54] **DETERGENT LIQUIDE ISOTROPE**
[72] COOKE, WINBORN C., JR., US
[72] RODRIGUES, KLEIN A., US
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 1999-06-23
[43] 1999-12-26
[30] US (09/105,577) 1998-06-26
[30] US (09/262,566) 1999-03-04

[21] **2,276,409**
[13]
[51] **Int.Cl. 6G06F 9/00**
[25] EN
[54] **SYSTEM AND METHOD FOR AGGREGATING REGISTRATION OF ENTITIES FOR NOTIFICATIONS OF EVENTS**
[54] **SYSTEME ET METHODE POUR COLLIGER LES ENREGISTREMENTS D'ENTITES EN VUE DE LA NOTIFICATION D'EVENEMENTS**
[72] WALKER, WILLIAM D., US
[72] KORN, PETER A., US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-06-25
[43] 1999-12-30
[30] US (09/107,016) 1998-06-30

[21] **2,276,377**
[13]
[51] **Int.Cl. 6H04B 10/20 6H04J 14/02**
[25] EN
[54] **OPTICAL NETWORK**
[54] **RESEAU OPTIQUE**
[72] KANETAKE, TATSUO, JP
[72] IKEDA, HIROKI, JP
[71] HITACHI, LTD., JP
[22] 1999-06-28
[43] 2000-01-01
[30] JP (10-185518) 1998-07-01

[21] **2,276,385**
[13]
[51] **Int.Cl. 6A61B 10/00**
[25] EN
[54] **SURGICAL BIOPSY DEVICE**
[54] **DISPOSITIF DE BIOPSIE CHIRURGICALE**
[72] HUITEMA, THOMAS W., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 1999-06-28
[43] 1999-12-30
[30] US (09/107,845) 1998-06-30

[21] **2,276,411**
[13]
[51] **Int.Cl. 6G06F 3/00**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTIPLEXING USER INTERFACES IN A DIGITAL COMPUTER SYSTEM**
[54] **SYSTEME ET METHODE POUR LE MULTIPLEXAGE DES INTERFACES-UTILISATEUR DANS UN SYSTEME INFORMATIQUE**
[72] WALKER, WILLIAM D., US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-06-25
[43] 1999-12-30
[30] US (09/107,014) 1998-06-30

Demandes canadiennes mises à la disponibilité du public
26 décembre 1999 - 1 janvier 2000

[21] **2,276,415**
[13]

[51] **Int.Cl. 6G06F 9/445**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY INSTANTIATING CLASSES IN A VIRTUAL MACHINE**
[54] **SYSTEME ET METHODE POUR L'INSTANCIATION DES CLASSES DANS UNE MACHINE VIRTUELLE**
[72] WALKER, WILLIAM D., US
[72] KORN, PETER A., US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-06-25
[43] 1999-12-30
[30] US (09/107,015) 1998-06-30

[21] **2,276,430**
[13]

[51] **Int.Cl. 6H04B 1/69**
[25] EN
[54] **METHOD AND APPARATUS FOR RECEIVING SPREAD SPECTRUM SIGNAL**
[54] **METHODE ET APPAREIL DE RECEPTION DE SIGNAUX A SPECTRE ETALE**
[72] AOYAMA, AKIO, JP
[71] NEC CORPORATION, JP
[22] 1999-06-25
[43] 1999-12-29
[30] JP (182257/1998) 1998-06-29

[21] **2,276,458**
[13]

[51] **Int.Cl. 6H01L 27/06**
[25] EN
[54] **SEMICONDUCTOR DEVICE**
[54] **DISPOSITIF A SEMI-CONDUCTEUR**
[72] OSBORNE, PETER HUGH, GB
[72] WILSON, MARTIN CLIVE, GB
[71] MITEL SEMICONDUCTOR LIMITED, GB
[22] 1999-06-25
[43] 1999-12-26
[30] GB (9813926.4) 1998-06-26

[21] **2,276,475**
[13]

[51] **Int.Cl. 6C23G 1/02 6C23C 18/00**
[25] EN
[54] **PICKLING/ACTIVATION SOLUTION FOR THE PRETREATMENT OF ALUMINIUM-STEEL COMPOSITES PRIOR TO DIP TINNING**
[54] **BAIN DE DECROCHAGE ET D'ACTIVATION POUR LE PRE-TRAITEMENT DE COMPOSITES D'ACIER A L'ALUMINIUM AVANT L'ETAMURE PAR TREMPAGE**
[72] GUHL, DIETER, DE
[72] EBERHARDT, JAN, DE
[72] HONSELMANN, FRANK, DE
[71] TH. GOLDSCHMIDT AG, DE
[22] 1999-06-25
[43] 1999-12-27
[30] DE (198 28 811.5) 1998-06-27

[21] **2,276,476**
[13]

[51] **Int.Cl. 6B01J 35/04 6C03B 20/00 6C07C 69/01 6C07C 67/055 6C07C 69/15**
[25] EN
[54] **MOULDINGS BASED ON SILICA**
[54] **MOULAGES DE SILICE**
[72] TACKE, THOMAS, US
[72] LANSINK ROTGERINK, HERMANUS, DE
[72] KRAUSE, HELMFRIED, DE
[72] SCHINKE, PETER, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 1999-06-25
[43] 1999-12-26
[30] DE (198 28 491.8) 1998-06-26

[21] **2,276,484**
[13]

[51] **Int.Cl. 6G03B 21/14**
[25] EN
[54] **PROJECTOR THAT AUTOMATICALLY ADJUSTS THE PROJECTION PARAMETERS**
[54] **PROJECTEUR QUI REGLE AUTOMATIQUEMENT LES PARAMETRES DE PROJECTION**
[72] KAWASHIMA, MASAHIRO, JP
[72] KIMURA, SYUNSUKE, JP
[72] GYOTEN, TAKAAKI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1999-06-25
[43] 1999-12-26
[30] JP (10-180130) 1998-06-26
[30] JP (10-198486) 1998-07-14
[30] JP (10-198485) 1998-07-14

[21] **2,276,495**
[13]

[51] **Int.Cl. 6A47C 27/05**
[25] EN
[54] **QUILT TOP MATTRESS WITH CONVOLUTED FOAM CUSHION**
[54] **MATELAS A SURFACE PIQUEE AVEC COUSSIN EN MOUSSE ALVEOLEE**
[72] STEELMAN, BOB A., US
[72] NUNEZ, ANTONIO, US
[71] THE SPRING AIR COMPANY, US
[22] 1999-06-25
[43] 1999-12-29
[30] US (09/106,240) 1998-06-29

[21] **2,276,504**
[13]

[51] **Int.Cl. 6F04D 29/38 6G06F 1/20**
[25] EN
[54] **MICRO FAN**
[54] **MICRO-VENTILATEUR**
[72] JUN, CHANG KEUN, KR
[72] PARK, WOANG SIK, KR
[71] SAMSUNG ELECTRO-MECHANICS CO., LTD., KR
[22] 1999-06-25
[43] 1999-12-29
[30] KR (P98-24807) 1998-06-29

[21] **2,276,520**
[13]

[51] **Int.Cl. 6F04B 47/02 6F04B 53/00 6F04D 25/02**
[25] EN
[54] **RIGHT ANGLE DRIVE ADAPTOR FOR USE WITH A VERTICAL DRIVE HEAD IN AN OIL WELL**
[54] **PROGRESSING CAVITY PUMP DRIVE**
[54] **ADAPTEUR D'ENTRAINEMENT A ANGLE DROIT POUR UTILISATION AVEC UNE TETE DE TUBAGE VERTICALE DANS UN ENTRAINEMENT MOUVANT DE POMPE DE Puits DE PETROLE**
[72] HULT, VERN ARTHUR, CA
[72] BLUNDELL, CURTIS CHRISTOPHER, CA
[71] WEATHERFORD/LAMB, INC., US
[22] 1999-06-28
[43] 1999-12-29
[30] US (09/106,632) 1998-06-29

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December 26, 1999 - January 1, 2000

[21] **2,276,522**
[13]

[51] **Int.Cl. 6E21B 33/00**
[25] EN
[54] **DRILL STRING DIVERTER APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE DEVIATION D'UN TRAIN DE SONDE**
[72] ROGERS, HENRY E., US
[72] HUSHBECK, DONALD F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1999-06-28
[43] 1999-12-29
[30] US (09/106,484) 1998-06-29

[21] **2,276,535**
[13]

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE HAVING DOUBLE SIDE CUFFS**
[54] **ARTICLE ABSORBANT AYANT UN REBORD DE CHAQUE COTE**
[72] HELMSTETTER, THOMAS J., US
[72] BOISSE, SYLVIE, CA
[71] MCNEIL-PPC, INC., US
[22] 1999-06-28
[43] 1999-12-30
[30] US (09/107,394) 1998-06-30

[21] **2,276,537**
[13]

[51] **Int.Cl. 6H04B 1/18**
[25] EN
[54] **MULTICARRIER RECEIVER**
[54] **DISPOSITIF DE RECEPTION EN DIVERSITE DE FREQUENCE**
[72] POLLET, THIERRY, BE
[72] MOONEN, MARC SUZANNE PAUL, BE
[72] LEUS, GEERT JOZEF THERESE, BE
[72] VAN ACKER, KATLEEN PEGGIE FLORIMOND, BE
[72] VAN DE WIEL, OLIVIER RENÉ CHRISTIAN, FR
[71] ALCATEL, FR
[22] 1999-06-28
[43] 1999-12-29
[30] EP (98401609.7) 1998-06-29
[30] EP (99401572.5) 1999-06-24

[21] **2,276,538**
[13]

[51] **Int.Cl. 6H04L 12/56 6H04B 1/66**
[25] EN
[54] **SYSTEM FOR CONSOLIDATING TELECOMMUNICATIONS TRAFFIC ONTO A MINIMUM NUMBER OF OUTPUT PATHS**
[54] **SYSTEME POUR LA CONSOLIDATION DU TRAFIC DE TELECOMMUNICATION DANS UN NOMBRE MINIMAL DE CHEMINS DE SORTIE**
[72] THOMAS, SHAJI A., US
[72] CANTWELL, ROBERT W., US
[71] ALCATEL USA SOURCING, L.P., US
[22] 1999-06-28
[43] 1999-12-30
[30] US (60/091,298) 1998-06-30
[30] US (09/148,175) 1998-09-03

[21] **2,276,539**
[13]

[51] **Int.Cl. 6E21B 33/14**
[25] EN
[54] **WELL SEALING COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET METHODES POUR L'ETANCHEISATION D'UN PUIT**
[72] CHATTERJI, JITEN, US
[72] ONAN, DAVID D., US
[72] CROMWELL, ROGER S., US
[72] KING, BOBBY J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1999-06-28
[43] 1999-12-30
[30] US (09/107,497) 1998-06-30

[21] **2,276,540**
[13]

[51] **Int.Cl. 6B32B 7/12 6B65D 73/00**
[25] EN
[54] **THERMOFORMABLE COMPOSITE FILM**
[54] **FILM MULTICOUCHE THERMOFORMABLE**
[72] BEER, EKKEHARD, DE
[72] HATKE, WILFRIED, DE
[71] TICONA GMBH, DE
[22] 1999-06-28
[43] 1999-12-29
[30] DE (19828858.1) 1998-06-29

[21] **2,276,541**
[13]

[51] **Int.Cl. 6B32B 27/32 6B65D 65/42**
[25] EN
[54] **EXTRUSION COATED FILM**
[54] **FILM REVETU PAR EXTRUSION**
[72] HATKE, WILFRIED, DE
[72] BEER, EKKEHARD, DE
[71] TICONA GMBH, DE
[22] 1999-06-28
[43] 1999-12-29
[30] DE (19828867.0) 1998-06-29

[21] **2,276,547**
[13]

[51] **Int.Cl. 6F16D 3/84**
[25] EN
[54] **PROTECTIVE DEVICE FOR A DRIVE ASSEMBLY WITH A DOUBLE UNIVERSAL JOINT**
[54] **DISPOSITIF DE PROTECTION POUR ENSEMBLE DE COMMANDE AVEC DOUBLE JOINT DE CARDAN**
[72] NIENHAUS, CLEMENS, DE
[72] MIKESKA, FELIX, DE
[72] WILKS, EBERHARD, DE
[71] GKN WALTERSCHEID GMBH, DE
[22] 1999-06-29
[43] 2000-01-01
[30] DE (19829314.3) 1998-07-01

[21] **2,276,550**
[13]

[51] **Int.Cl. 6G06F 12/02**
[25] EN
[54] **VERIFYING CONFIGURATION OF STORAGE DEVICES BASED UPON DEVICE IDENTIFIERS**
[54] **VERIFICATION DE LA CONFIGURATION D'UNE UNITE DE STOCKAGE PAR LE BIAIS D'IDENTIFICATEURS D'UNITE**
[72] NAZARI, SIAMAK, US
[72] HISGEN, ANDREW L., US
[72] WILHELMY, CAROL J., US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-06-29
[43] 1999-12-30
[30] US (09/106,951) 1998-06-30

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[21] **2,276,551**
[13]

[51] **Int.Cl. 6B65D 85/90 6B65D 85/86**
[25] EN
[54] **HOLDING CASE CAPABLE OF HOLDING IC CARD CERTAINLY**
[54] **ETUI POUR LA TENUE SOLIDE D'UNE CARTE A CIRCUIT IMPRIME**
[72] ATSUMI, KINJI, JP
[72] NOGA, TAKEHIRO, JP
[72] SASAKI, MUNETAKA, JP
[72] MORIKAWA, TOMOHIRO, JP
[72] YAMAMURA, YOSHIHIRO, JP
[71] NEC CORPORATION, JP
[22] 1999-06-29
[43] 1999-12-30
[30] JP (183991/1998) 1998-06-30

[21] **2,276,552**
[13]

[51] **Int.Cl. 6F16K 27/00 6F17D 3/01**
[25] EN
[54] **FLUID CONTROL DEVICE**
[54] **DISPOSITIF DE REGULATION DE FLUX**
[72] SHINOHARA, TSUTOMU, JP
[72] YAMAJI, MICHIO, JP
[71] FUJIKIN INCORPORATED, JP
[22] 1999-06-29
[43] 1999-12-30
[30] JP (10/183201) 1998-06-30

[21] **2,276,553**
[13]

[51] **Int.Cl. 6A22C 29/02**
[25] EN
[54] **SHRIMP PROCESSING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE TRAITEMENT DES CREVETTES**
[72] SHELTON, R. DOUGLAS, US
[71] SHELTON CORPORATION, US
[22] 1999-06-29
[43] 1999-12-29
[30] US (60/091,071) 1998-06-29

[21] **2,276,554**
[13]

[51] **Int.Cl. 6B62D 5/04 6B62D 15/00 6B62D 3/04**
[25] EN
[54] **REAR WHEEL STEERING DEVICE HAVING FAIL-SAFE FEATURES**
[54] **DISPOSITIF DE BRAQUAGE DE LA ROUE ARRIERE AYANT DES FONCTIONS DE SECURITE INTEGREEES**
[72] FURUMI, HIROSHI, JP
[72] SHIRAKAWA, KUNIO, JP
[72] KAKIZAKI, YOSHIO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1999-06-29
[43] 1999-12-29
[30] JP (10-182108) 1998-06-29
[30] JP (10-182114) 1998-06-29
[30] JP (10-182116) 1998-06-29
[30] JP (11-169605) 1999-06-16
[30] JP (11-169609) 1999-06-16
[30] JP (11-172581) 1999-06-18

[21] **2,276,557**
[13]

[51] **Int.Cl. 6D06N 7/00**
[25] EN
[54] **A METHOD OF PRODUCING RUBBER-BASED COVERINGS AND INTERMEDIATE AND FINAL PRODUCTS PRODUCED BY THE METHOD**
[54] **METHODE DE FABRICATION DE RECOUVREMENTS A BASE DE CAOUTCHOUC ET PRODUITS INTERMEDIAIRES ET FINALS FABRIQUES A L'AIDE DE CETTE METHODE**
[72] STROPPIANA, FERNANDO, IT
[71] MONDO S.P.A., IT
[22] 1999-06-29
[43] 1999-12-29
[30] IT (T098A000558) 1998-06-29

[21] **2,276,559**
[13]

[51] **Int.Cl. 6D06M 13/432**
[25] EN
[54] **METHOD FOR IMPARTING PERMANENT PRESS TO TEXTILES**
[54] **METHODE POUR CONFERER LA QUALITE DE PLISSAGE PERMANENT AUX TEXTILES**
[72] RODRIGUES, KLEIN A., US
[72] HAZLEWOOD, MICHAEL C., US
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 1999-06-29
[43] 1999-12-30
[30] US (09/107,817) 1998-06-30

[21] **2,276,561**
[13]

[51] **Int.Cl. 6A61K 7/42**
[25] FR
[54] **COMPOSITIONS COMPRENANT DES NANOPIGMENTS D'OXYDES DE FER POUR LA COLORATION ARTIFICIELLE DE LA PEAU ET UTILISATIONS**
[54] **COMPOSITIONS COMPRISING IRON OXIDE NANOPIGMENTS FOR COSMETIC SKIN COLORING, AND THEIR USES**
[72] CANDAU, DIDIER, FR
[71] L'ORÉAL, FR
[22] 1999-06-23
[43] 1999-12-26
[30] FR (98 08 164) 1998-06-26

[21] **2,276,564**
[13]

[51] **Int.Cl. 6C07K 14/81 6A61K 47/48 6A61K 38/57**
[25] EN
[54] **MODIFIED C1 ESTERASE INHIBITOR FOR BLOCKING THE INFECTIOUSNESS OF HIV**
[54] **INHIBITEUR D'ESTERASE C1 MODIFIE POUR BLOQUER LA NOCIVITE DU VIH**
[72] ROMISCH, JURGEN, DE
[72] GRONER, ALBRECHT, DE
[71] CENTEON PHARMA GMBH, DE
[22] 1999-06-29
[43] 1999-12-30
[30] DE (198 29 014.4) 1998-06-30

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[21] **2,276,579**
[13]

[51] **Int.Cl. 6B41J 2/185**
[25] FR
[54] **CIRCUIT D'ENCRE, MACHINE A JET D'ENCRE, ET MACHINE DE CONDITIONNEMENT, OU CONVOYEUR, METTANT EN OEUVRE UN TEL CIRCUIT**
[54] **INK SYSTEM, INK JET MACHINE, AND PACKAGING MACHINE OR CONVEYOR INCORPORATING SAID INK SYSTEM**
[72] PAGNON, ALAIN, FR
[72] SOUVIGNET, ANDRÉ, FR
[71] IMAJE S.A., FR
[22] 1999-06-23
[43] 1999-12-29
[30] FR (98 08225) 1998-06-29

[21] **2,276,588**
[13]

[51] **Int.Cl. 6C07C 323/47 6G03F 7/031 6C07D 471/06 6C09D 133/06 6C09J 133/06 6C07D 339/08 6C07F 7/10 6C07D 295/135 6C07D 319/18 6G02F 1/23 6C07C 317/26 6C07F 9/50 6C08F 2/50 6C07C 251/64 6C07C 255/64 6C07C 309/69 6C07D 333/76**
[25] EN
[54] **NEW O-ACYLOXIME PHOTOINITIATORS**
[54] **NOUVEAUX PHOTOAMORCEURS D'O-ACYLOXIME**
[72] BIRBAUM, JEAN-LUC, CH
[72] DIETLIKER, KURT, CH
[72] OKA, HIDETAKA, JP
[72] OHWA, MASAKI, JP
[72] KURA, HISATOSHI, JP
[72] MATSUMOTO, AKIRA, JP
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 1999-06-25
[43] 1999-12-26
[30] EP (98810595.3) 1998-06-26

[21] **2,276,631**
[13]

[51] **Int.Cl. 6G02B 6/38**
[25] EN
[54] **OPTICAL FIBER CONNECTOR IN WHICH AN OPTICAL FIBER IS PROTECTED EVEN WHEN CONNECTION IS NOT MADE**
[54] **CONNECTEUR DE FIBRES OPTIQUES DANS LEQUEL UNE FIBRE OPTIQUE EST PROTEGEE MEME SI AUCUNE CONNEXION N'EST ETABLIE**
[72] MURAKAMI, KEIJI, JP
[72] USUI, MITSUO, JP
[72] KATSURA, KOHSUKE, JP
[72] YAMASHITA, MAKOTO, JP
[72] SATO, NOBUO, JP
[72] TAKEDA, JUN, JP
[72] ANDO, YASUHIRO, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[71] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
[22] 1999-06-29
[43] 1999-12-29
[30] JP (182156/1998) 1998-06-29
[30] JP (182367/1998) 1998-06-29
[30] JP (183633/1998) 1998-06-30

[21] **2,276,633**
[13]

[51] **Int.Cl. 6H01R 13/648 6H01R 9/22**
[25] EN
[54] **SYSTEM FOR PROVIDING AN ELECTRICAL CONNECTION FOR THE TRANSMISSION OF DATA, AND COMPONENTS OF THIS SYSTEM**
[54] **SYSTEME POUVANT FOURNIR UNE CONNEXION ELECTRIQUE EN VUE DE LA TRANSMISSION DE DONNEES ET COMPOSANTS DE CE SYSTEME**
[72] MOESER, HARALD, DE
[72] DZYCK, WOLFGANG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 1999-06-29
[43] 2000-01-01
[30] DE (19829485.9) 1998-07-01

[21] **2,276,636**
[13]

[51] **Int.Cl. 6G06F 3/00**
[25] EN
[54] **CONSISTENT AND UNIFORM PROGRAMMING INTERFACE ARRANGEMENT AND METHOD FOR ENABLING "ASSISTIVE TECHNOLOGY" PROGRAMS TO OBTAIN INFORMATION FROM AND TO CONTROL GRAPHICAL USER INTERFACE OBJECTS**
[54] **DISPOSITION UNIFORME D'INTERFACE DE PROGRAMMATION ET METHODE POUR LA MISE EN OEUVRE D'UN PROGRAMME DE «TECHNOLOGIE ASSISTEE» POUR L'OBTENTION D'INFORMATION ET POUR LA MANIPULATION D'OBJETS DANS UNE INTERFACE UTILISATEUR GRAPHIQUE**
[72] KORN, PETER A., US
[72] WALKER, WILLIAM D., US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-06-25
[43] 1999-12-30
[30] US (09/108,343) 1998-06-30

[21] **2,276,639**
[13]

[51] **Int.Cl. 6H01R 13/58**
[25] EN
[54] **WIRING DEVICE WITH GRIPPING OF INDIVIDUAL CONDUCTORS**
[54] **DISPOSITIF DE CABLAGE AVEC PRISE DE CONDUCTEURS INDIVIDUELS**
[72] PRESSON, JERRY M., US
[72] BOTELER, WILLIAM C., US
[71] HUBBELL INCORPORATED, US
[22] 1999-06-25
[43] 2000-01-01
[30] US (09/108,295) 1998-07-01

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[21] **2,276,640**
[13]

[51] **Int.Cl. 6G06F 9/46**
[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING THE TRANSFER OF INFORMATION BETWEEN PROGRAMS PROCESSED IN A DIGITAL COMPUTER SYSTEM**
[54] **SYSTEME ET METHODE POUR FACILITER LE TRANSFERT DE DONNEES ENTRE PROGRAMMES TRAITES DANS UN SYSTEME NUMERIQUE D'ORDINATEUR**
[72] KORN, PETER A., US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-06-25
[43] 1999-12-30
[30] US (09/107,013) 1998-06-30

[21] **2,276,642**
[13]

[51] **Int.Cl. 6D01F 6/92 6D21F 7/08 6B01D 39/16**
[25] EN
[54] **MONOFILS BASED ON POLYETHYLENE-2, 6-NAPHTHALATE**
[54] **MONOFILAMENT DE POLYETHYLENE-2, 6-NAPHTHALATE**
[72] BRUNING, HANS-JOACHIM, DE
[72] STILLER, JOACHIM, DE
[72] DELKER, REX, DE
[71] HOECHST TREVIRA GMBH & CO. KG, DE
[22] 1999-06-25
[43] 1999-12-26
[30] DE (198 28 517.5-43) 1998-06-26

[21] **2,276,646**
[13]

[51] **Int.Cl. 6H01R 23/72 6G06K 19/077**
[25] EN
[54] **CONNECTOR FOR A LOW-PROFILE MINIATURE CARD**
[54] **CONNECTEUR DE CARTE A PUCE A BAS PROFIL**
[72] MICHAUD, ALEXIS, FR
[72] VUILLEMIN, LAURENT, FR
[71] FRAMATOME CONNECTORS INTERNATIONAL, FR
[22] 1999-06-23
[43] 1999-12-26
[30] FR (98 08166) 1998-06-26

[21] **2,276,651**
[13]

[51] **Int.Cl. 6E04D 13/064**
[25] EN
[54] **PIVOTABLE GUTTER ASSEMBLY AND KIT THEREFOR**
[54] **ASSEMBLAGE DE GOUITTIERES PIVOTANTES ET TROUSSE D'INSTALLATION**
[72] OBIDNIAK, LOUIS, CA
[71] OBIDNIAK, LOUIS, CA
[22] 1999-06-29
[43] 1999-12-29
[30] CA (2,239,894) 1998-06-29

[21] **2,276,654**
[13]

[51] **Int.Cl. 6B65G 47/82 6C03B 35/10**
[25] EN
[54] **LEHR LOADER PUSHER BAR ASSEMBLY**
[54] **ASSEMBLAGE D'UNE BARRE DIRECTRICE POUR CHARGEUR DE GALERIE DE RECUISSON**
[72] VAUGHN, JAMES H., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[22] 1999-06-22
[43] 1999-12-29
[30] US (09/107,155) 1998-06-29

[21] **2,276,657**
[13]

[51] **Int.Cl. 6C08G 77/28 6C08L 9/06 6C07F 7/18 6C08K 5/54**

[25] EN
[54] **NEW OLIGOMERIC ORGANOSILICON COMPOUNDS, THEIR USE IN RUBBER MIXTURES AND FOR THE PRODUCTION OF SHAPED ARTICLES**
[54] **NOUVEAUX COMPOSES ORGANOSILICIES OLIGOMERIQUES, LEUR UTILISATION DANS LES MELANGES DE CAOUTCHOUC ET DANS LA PRODUCTION D'ARTICLES MOULES**
[72] LUGINSLAND, HANS-DETLEF, DE
[72] BATZ-SOHN, CHRISTOPH, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 1999-06-30
[43] 2000-01-01
[30] DE (198 29 390.9) 1998-07-01

[21] **2,276,668**
[13]

[51] **Int.Cl. 6C25D 17/06 6C25D 17/00**
[25] EN
[54] **EXPANDABLE VERTICAL DIP PRETREATMENT AND ELECTRO-DEPOSITION SYSTEM**
[54] **PRETRAITEMENT DE TREMPAGE VERTICAL EXTENSIBLE ET SYSTEME D'ELECTRODEPOSITION**
[72] OTT, RICHARD H., US
[72] BREINEISER, THOMAS R., US
[72] SALMAN, SYED, US
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 1999-06-30
[43] 2000-01-01
[30] US (09/108,987) 1998-07-01

[21] **2,276,677**
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[51] **Int.Cl. 6B29C 45/53 6B29C 45/77**
[25] EN
[54] **ELECTRIC ACTUATOR FOR PIN**
[54] **ACTIONNEUR ELECTRIQUE POUR LIAISON PIVOT**
[72] MOSS, MARK, US
[72] LEE, CHRISTOPHER, US
[72] KAZMER, DAVID, US
[72] RINDERLE, JAMES R., US
[71] DYNISCO HOTRUNNERS, INC., US
[22] 1999-06-23
[43] 1999-12-26
[30] US (60/090,750) 1998-06-26
[30] US (09/187,974) 1998-11-06

[21] **2,276,679**
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[51] **Int.Cl. 6B22D 18/04 6B22D 41/00 6B22D 47/00 6F17D 1/12 6F27D 3/14**
[25] EN
[54] **DISPENSING APPARATUS AND METHOD**
[54] **METHODE ET APPAREIL DE DISTRIBUTION**
[72] CAMPBELL, JOHN, GB
[71] CAMPBELL, JOHN, GB
[22] 1999-06-25
[43] 1999-12-27
[30] GB (GB 9813826.6) 1998-06-27

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[21] 2,276,683
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[51] **Int.Cl. 6F16F 9/58 6F16F 9/04**
[25] EN
[54] **A METAL/ELASTOMERIC BUMPER FOR AIR SPRINGS**
[54] **PARE-CHOC EN METAL ET CAOUTCHOUC POUR RESSORT PNEUMATIQUE**
[72] GRASS, DAVID E., US
[72] LEONARD, DANIEL J., US
[72] TAGHIZADCH, MOHAMAD, US
[72] WHITAKER, MICHAEL K., US
[72] HILBURGER, MARK D., US
[71] BRIDGESTONE/FIRESTONE, INC., US
[22] 1999-06-29
[43] 1999-12-30
[30] US (09/109,226) 1998-06-30

[21] 2,276,688
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[51] **Int.Cl. 6B63B 17/04 6B63B 35/34**
[25] EN
[54] **EXTENDED WIDTH SIDE RAIL FOR PONTOON BOAT**
[54] **RAMBARDE A LARGEUR ACCRUE POUR PONTON**
[72] BIEDENWEG, BARON R., US
[72] RUDA, JEROME, US
[72] PUTMAN, DAVID L., US
[71] HARRIS KAYOT, INC., US
[22] 1999-06-28
[43] 1999-12-29
[30] US (60/091,025) 1998-06-29

[21] 2,276,695
[13]

[51] **Int.Cl. 6B66C 23/88 6B66F 11/04 6B66F 9/24 6B66C 23/42**
[25] EN
[54] **TRANSPORTABLE CRANE**
[54] **GRUE TRANSPORTABLE**
[72] FLEAGLE, JON ELVIN, US
[72] BARTHALOW, HENRY DAVID, US
[71] GROVE U.S. L.L.C., US
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[43] 2000-01-01
[30] US (09/108,389) 1998-07-01

[21] 2,276,697
[13]

[51] **Int.Cl. 6H04Q 7/00 6H04Q 7/32**
[25] EN
[54] **HAND-HELD ELECTRONIC DEVICE WITH A KEYBOARD OPTIMIZED FOR USE WITH THE THUMBS**
[54] **APPAREIL ELECTRONIQUE PORTATIF AVEC CLAVIER A UTILISATION OPTIMALE DES POUCES**
[72] HOLMES, JOHN A., CA
[72] GRIFFIN, JASON T., CA
[72] LITTLE, HERB A., CA
[72] LANG, JEROME, CA
[72] MAJOR, HARRY R., CA
[72] LAZARDIS, MIHAL, CA
[72] BROWN, MICHAEL, CA
[72] DUNK, CRAIG, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 1999-06-28
[43] 1999-12-29
[30] US (09/106,585) 1998-06-29

[21] 2,276,709
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[51] **Int.Cl. 6B23P 19/04 6E06B 9/26**
[25] EN
[54] **VENETIAN BLIND LACING STATION**
[54] **POSTE DE LACAGE DE STORES VENITIENS**
[72] BERNTSSON, PETER, SE
[72] LARSSON, JAN-OLOF, SE
[71] HUNTER DOUGLAS INTERNATIONAL N.V., AN
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[43] 1999-12-26
[30] EP (98202122.2) 1998-06-26

[21] 2,276,719
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[51] **Int.Cl. 6C07C 235/64 6C07C 311/08 6C07D 309/08 6C07D 295/155 6C07C 235/16 6A61K 31/16 6C07D 307/24 6A61K 31/34 6A61K 31/35 6A61K 31/40 6C07C 317/44 6A61K 31/445 6A61K 31/535 6C07C 235/56 6C07D 307/68 6C07C 233/80**
[25] EN
[54] **ANILIDE DERIVATIVES AND ANTIARRHYTHMIC AGENTS CONTAINING THE SAME**
[54] **DERIVES D'ANILIDE ET AGENTS ANTI-ARYTHMISANTS QUI LES CONTIENNENT**
[72] MORI, HARUKI, JP
[72] KAWAI, KOHICHI, JP
[72] MOHRI, JUNICHI, JP
[72] YAMASHITA, HIROYUKI, JP
[72] TOGASHI, KAZUHIKO, JP
[72] SATO, TAKASHI, JP
[72] OYABE, AKIHIRO, JP
[72] KAI, AKIYOSHI, JP
[71] MITSUI CHEMICALS, INCORPORATED, JP
[22] 1999-06-29
[43] 1999-12-30
[30] JP (184957/1998) 1998-06-30

[21] 2,276,721
[13]

[51] **Int.Cl. 6A01G 23/00 6E02F 3/36 6B66C 1/58**
[25] EN
[54] **GRIPPING UNIT ATTACHMENT MEANS**
[54] **MOYEN DE FIXATION POUR UNITE DE PREHENSION**
[72] ROYER, JULIEN, CA
[71] RÉCUPÉRATEUR D'ARBRES ROYER DIVISION CANADA INC., CA
[22] 1999-06-30
[43] 1999-12-30
[30] US (09/106,854) 1998-06-30

[21] 2,276,723
[13]

[51] **Int.Cl. 6B32B 7/12 6B65D 73/00 6B32B 27/32**
[25] EN
[54] **THERMOFORMABLE COMPOSITE FILM**
[54] **FILM MULTICOUCHE THERMOFORMABLE**
[72] HATKE, WILFRIED, DE
[72] BEER, EKKEHARD, DE
[71] TICONA GMBH, DE
[22] 1999-06-29
[43] 1999-12-29
[30] DE (19828866.2) 1998-06-29

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[21] **2,276,728**
[13]

[51] **Int.Cl. 6B32B 7/12 6B32B 27/32 6B65D 75/36**
[25] EN
[54] **SINGLE-COMPONENT ADHESIVE**
[54] **ADHESIF A COMPOSANTE UNIQUE**
[72] BEER, EKKEHARD, DE
[72] HATKE, WILFRIED, DE
[71] TICONA GMBH, DE
[22] 1999-06-29
[43] 1999-12-29
[30] DE (19828857.3) 1998-06-29

[21] **2,276,736**
[13]

[51] **Int.Cl. 6B01L 3/00**
[25] EN
[54] **MICROPLATE ASSEMBLY AND CLOSURES**
[54] **ASSEMBLAGE DE MICROPLAQUE ET FERMETURES**
[72] GAMBLE, KIMBERLY R., US
[71] GAMBLE, KIMBERLY R., US
[22] 1999-06-29
[43] 1999-12-30
[30] US (09/108,339) 1998-06-30

[21] **2,276,762**
[13]

[51] **Int.Cl. 6G01R 19/165 6G08B 5/36**
[25] EN
[54] **REMOTE LIGHT INDICATION FAULT INDICATOR WITH A TIMED RESET CIRCUIT AND A MANUAL RESET CIRCUIT**
[54] **INDICATEUR LUMINEUX DE PANNE A DISTANCE AVEC CIRCUIT DE REINITIALISATION TEMPORISE ET CIRCUIT DE REINITIALISATION MANUEL**
[72] FEIGHT, LAURENCE V., US
[72] SCHWEITZER, EDMUND O., JR., US
[71] E.O. SCHWEITZER MANUFACTURING COMPANY, INC., US
[22] 1999-06-29
[43] 1999-12-29
[30] US (09/106,434) 1998-06-29

[21] **2,276,786**
[13]

[51] **Int.Cl. 6E21C 11/00 6E21B 15/04**
[25] EN
[54] **DRILL BOOM SUPPORT FOR A DRILL RIG**
[54] **SUPPORT DE BRAS TUBULAIRE POUR APPAREIL DE FORAGE**
[72] BUHRMANN, RUDOLPH, ZA
[71] NORTHAM PLATINUM LIMITED, ZA
[71] HYDRO POWER ENGINEERING (PROPRIETARY) LIMITED, ZA
[22] 1999-06-23
[43] 1999-12-29
[30] ZA (98/5647) 1998-06-29
[30] ZA (99/2662) 1999-04-12

[21] **2,276,788**
[13]

[51] **Int.Cl. 6A61B 10/00 6A61B 19/00**
[25] EN
[54] **APPLIER FOR IMPLANTABLE SURGICAL MARKER**
[54] **APPLICATEUR POUR MARQUEURS CHIRURGICAUX IMPLANTABLES**
[72] VOEGELE, JAMES W., US
[72] BOEHM, MICHAEL E., US
[72] HOLSCHER, RUSSELL L., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 1999-06-23
[43] 1999-12-26
[30] US (09/105,570) 1998-06-26

[21] **2,276,789**
[13]

[51] **Int.Cl. 6A61B 19/00 6A61B 10/00**
[25] EN
[54] **IMPLANTABLE SURGICAL MARKER**
[54] **MARQUEUR CHIRURGICAL IMPLANTABLE**
[72] VOEGELE, JAMES W., US
[72] BOEHM, MICHAEL E., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 1999-06-23
[43] 1999-12-26
[30] US (09/105,757) 1998-06-26

[21] **2,276,792**
[13]

[51] **Int.Cl. 6B32B 5/18 6B32B 27/36**
[25] EN
[54] **RECYCLABLE MULTI-LAYER MATERIAL IN POLYESTER RESIN**
[54] **MATERIAU RECYCLABLE MULTICOUCHE EN RESINE DE POLYESTER**
[72] GHISOLFI, GUIDO, IT
[71] SINCO RICERCHES S.P.A., IT
[22] 1999-06-23
[43] 1999-12-26
[30] IT (MI98A001463) 1998-06-26
[30] IT (MI98A002078) 1998-09-25

[21] **2,276,795**
[13]

[51] **Int.Cl. 6H05K 7/20**
[25] EN
[54] **HEAT SINK DEVICE FOR ELECTRONIC DEVICES**
[54] **DISSIPATEUR DE CHALEUR POUR DISPOSITIFS ELECTRONIQUES**
[72] OHTA, KEIICHIRO, JP
[72] FURUKAWA, YUICHI, JP
[71] SHOWA ALUMINUM CORPORATION, JP
[22] 1999-06-30
[43] 2000-01-01
[30] JP (10-186063) 1998-07-01
[30] JP (10-187631) 1998-07-02
[30] JP (10-187636) 1998-07-02
[30] JP (10-187641) 1998-07-02

[21] **2,276,831**
[13]

[51] **Int.Cl. 6E04H 15/06 6E04H 15/20**
[25] EN
[54] **INFLATABLE TENT FOR SPORT UTILITY VEHICLE**
[54] **TENTE GONFLABLE POUR VEHICULE LOISIR TRAVAIL**
[72] BOWEN, FRANK P. H., CA
[71] BOWEN, FRANK P. H., CA
[22] 1999-06-25
[43] 2000-01-01
[30] US (09/108,905) 1998-07-01

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[21] **2,276,837**
[13]
[51] **Int.Cl. 6B26B 27/00 6A61J 1/00 6B65F 1/14**
[25] EN
[54] **SYRINGE CUTTING APPARATUS**
[54] **APPAREIL POUR DETRUIRE LES SERINGUES**
[72] EVANS, JOHN C, US
[71] EVANS, JOHN C, US
[22] 1999-06-30
[43] 2000-01-01
[30] US (60/091,375) 1998-07-01

[21] **2,276,848**
[13]
[51] **Int.Cl. 6F04B 43/06 6F04B 9/133 6B41J 2/175**
[25] FR
[54] **POMPE A MEMBRANE**
[54] **DIAPHRAGM PUMP**
[72] GARCIN, JEAN DENIS, FR
[72] PAGNON, ALAIN, FR
[71] IMAJE S.A., FR
[22] 1999-06-23
[43] 1999-12-29
[30] FR (98 08224) 1998-06-29

[21] **2,276,849**
[13]
[51] **Int.Cl. 6B61C 17/12 6B61C 13/00 6B61C 15/00 6B60B 35/10 6B61L 3/12**
[25] FR
[54] **TRAIN DE VEHICULE DE TRANSPORT, DU TYPE TRAIN SUIVEUR DE TUNNELIER**
[54] **TRANSPORT TRAIN VEHICULE, SUCH AS FOLLOWING TRAIN FOR TUNNELING MACHINE**
[72] GUYOT, MARTIAL, FR
[71] GAUSSIN SA, FR
[22] 1999-06-28
[43] 1999-12-29
[30] FR (98.08361) 1998-06-29

[21] **2,276,853**
[13]
[51] **Int.Cl. 6G06F 19/00**
[25] FR
[54] **METHODE POUR DEFORMER GRADUELLEMENT UN MODELE STOCHASTIQUE D'UN MILIEU HETEROGENE TEL QU'UNE ZONE SOUTERRAINE**
[54] **METHOD TO DISTORT GRADUALLY A STOCHASTIC MODEL OF A HETEROGENEOUS ENVIRONMENT SUCH AS A SUBSURFACE ZONE**
[72] HU, LIN-YING, FR
[72] ROGGERO, FRÉDÉRIC, FR
[72] HAAS, ANDRÉ, FR
[71] ELF EP, FR
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR
[22] 1999-06-30
[43] 2000-01-01
[30] FR (98 09 018) 1998-07-01

[21] **2,276,854**
[13]
[51] **Int.Cl. 6A01K 97/06 6A01K 97/08**
[25] EN
[54] **FISHING DEVICE CONTAINER**
[54] **CONTENANT POUR ATTIRAIL DE PECHE**
[72] CHOREY, THOMAS V., JR., US
[72] MEIER, WALTER LOUIS, US
[71] INVENTIVE DESIGNS, LTD., US
[22] 1999-06-29
[43] 1999-12-30
[30] US (60/091,153) 1998-06-30

[21] **2,276,855**
[13]
[51] **Int.Cl. 6A61K 7/02 6A61K 7/48**
[25] FR
[54] **COMPOSITION COSMETIQUE ET/OU DERMATOLOGIQUE BIPHASEE**
[54] **TWO-PHASE COSMETIC AND/OR DERMATOLOGICAL COMPOSITION**
[72] PICARD, ELISABETH, FR
[72] BUI-BERTRAND, LIEN, FR
[71] L'ORÉAL, FR
[22] 1999-06-30
[43] 2000-01-01
[30] FR (98 08 416) 1998-07-01

[21] **2,276,856**
[13]
[51] **Int.Cl. 6A61K 7/02 6A61K 7/48**
[25] FR
[54] **COMPOSITION COSMETIQUE ET/OU DERMATOLOGIQUE BIPHASEE**
[54] **TWO-PHASE COSMETIC AND/OR DERMATOLOGICAL COMPOSITION**
[72] MARION, CATHERINE, FR
[72] PICARD, ELISABETH, FR
[71] L'ORÉAL, FR
[22] 1999-06-30
[43] 2000-01-01
[30] FR (98 08 417) 1998-07-01

[21] **2,276,857**
[13]
[51] **Int.Cl. 6F23D 14/56 6F23D 14/22 6C03B 5/235 6F23D 14/58**
[25] EN
[54] **WIDE FLAME BURNER**
[54] **BRULEUR A FLAMME LARGE**
[72] SNYDER, WILLIAM JOSEPH, US
[72] FRANCIS, ARTHUR WELLINGTON JR., US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 1999-06-29
[43] 1999-12-30
[30] US (09/106,771) 1998-06-30

[21] **2,276,861**
[13]
[51] **Int.Cl. 6B41M 5/00**
[25] EN
[54] **SHEET MATERIAL FOR ADVERTISEMENT**
[54] **SUBJECTILE EN FEUILLES POUR PANNEAU-RECLAME**
[72] SUZUKI, KENJI, JP
[72] INO, KAZUHIDE, JP
[71] HIRAOKA & CO., LTD., JP
[22] 1999-06-29
[43] 1999-12-30
[30] JP (10-184321) 1998-06-30
[30] JP (10-243329) 1998-08-28
[30] JP (11-122002) 1999-04-28

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[13]

[51] **Int.Cl. 6C08K 5/54 6C08L 83/07**
[25] EN
[54] **POLYMER COMPOSITION**
[54] **COMPOSITION POLYMERIQUE**
[72] KUNZ, KLAUS, DE
[72] ZAULIG, DIETER, DE
[72] JOSEPH, EDOUARD, DE
[72] GERLACH, ERNST, DE
[71] DOW CORNING GMBH, DE
[22] 1999-06-30
[43] 2000-01-01
[30] EP (9814212.8) 1998-07-01

[21] **2,276,984**
[13]

[51] **Int.Cl. 6A61K 31/41 6A61K 38/00**
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6A61K 38/17 6A61K 38/38
[25] EN
[54] **CYCLOOXYGENASE INHIBITOR**
[54] **INHIBITEUR DE CYCLO-**
OXYGENASE
[72] TANAKA, ZYUNJI, JP
[71] A. NATTERMANN & CIE. GMBH, DE
[22] 1999-06-30
[43] 2000-01-01
[30] JP (H10-186234) 1998-07-01

[21] **2,276,985**
[13]

[51] **Int.Cl. 6B01J 31/10 6A62D 3/00**
[25] EN
[54] **CATALYTIC MICROGELS**
[54] **MICROGELS CATALYTIQUES**
[72] WILKINSON, TERENCE SEAN, GB
[71] THE SECRETARY OF STATE FOR
DEFENCE, GB
[22] 1999-06-30
[43] 2000-01-01
[30] GB (9814096.5) 1998-07-01

[21] **2,276,988**
[13]

[51] **Int.Cl. 6E04F 11/025 6E04F 11/00**
[25] EN
[54] **MODULAR STAIRWAY SYSTEM,**
METHOD FOR ERECTING STAIRWAY
AND KIT THEREFOR
[54] **SYSTEME MODULAIRE**
D'ESCALIER, METHODE ET PRET-A-
MONTER POUR L'ERIGER
[72] COUTURE, RAYMOND, CA
[71] 9078-7342 QUÉBEC INC., CA
[22] 1999-06-30
[43] 1999-12-30
[30] CA (2,242,057) 1998-06-30

[21] **2,276,989**
[13]

[51] **Int.Cl. 6B25J 1/00 6G01B 5/004**
[25] EN
[54] **ADJUSTABLE HANDGRIP FOR A**
COORDINATE MEASUREMENT
MACHINE
[54] **POIGNEE AJUSTABLE POUR**
MACHINE DE MESURE DES
COORDONNEES
[72] RAAB, SIMON, US
[72] BODJACK, JOHN, US
[71] FARO TECHNOLOGIES INC., US
[22] 1999-06-30
[43] 2000-01-01
[30] US (09/108,282) 1998-07-01

[21] **2,276,991**
[13]

[51] **Int.Cl. 6B25J 19/00 6G01B 5/004**
[25] EN
[54] **DISPLAY DEVICE FOR A**
COORDINATE MEASUREMENT
MACHINE
[54] **DISPOSITIF D’AFFICHAGE POUR**
MACHINE DE MESURE DES
COORDONNEES
[72] RAAB, SIMON, US
[72] BODJACK, JOHN, US
[71] FARO TECHNOLOGIES INC., US
[22] 1999-06-30
[43] 2000-01-01
[30] US (09/108,290) 1998-07-01

[21] **2,277,592**
[13]

[51] **Int.Cl. 6C07C 13/40 6C10M 127/02**
[25] EN
[54] **DERIVATIVE OF BICYCLO -2.2.1|**
HEPTANE, METHOD FOR ITS
PRODUCTION, AND FLUID FOR
TRACTION DEVICE
[54] **DERIVE DE BICYCLO -2.2.1|**
HEPTANE, METHODE DE
FABRICATION DE CELUI-CI ET
FLUIDE POUR DISPOSITIF DE
TRACTION
[72] TSUBOUCHI, TOSHIYUKI, JP
[72] YOSHIDA, YUKIO, JP
[72] IDO, MOTOHISA, JP
[72] HATA, HITOSHI, JP
[71] IDEMITSU KOSAN CO., LTD., JP
[22] 1999-06-30
[43] 2000-01-01
[30] JP (10-186399) 1998-07-01

[21] **2,280,414**
[13]

[51] **Int.Cl. 6B62D 65/00 6G06F 17/40**
[25] EN
[54] **ZONE INSPECTION**
MANUFACTURING LINE
[54] **INSPECTION DE ZONE D’UNE**
CHAINE DE FABRICATION
[72] ASTON, MARC, CA
[71] HONDA CANADA INC., CA
[22] 1999-08-16
[43] 1999-12-29
[30] US (09/368,256) 1999-08-03

[21] **2,285,660**
[13]

[51] **Int.Cl. 6B08B 9/04**
[25] EN
[54] **DUCT CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DES**
CONDUITS
[72] GOODMAN, FRANK, CA
[72] HARVEY, DAVE, CA
[71] ESTEAM MANUFACTURING LTD.,
CA
[22] 1999-10-15
[43] 2000-01-01

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PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

<p>[21] 2,285,609 [13]</p> <p>[51] Int.Cl. 6B27F 7/00 6B43L 13/00 [25] EN [54] MARKING MEANS FOR JOINING WOODEN BEAMS BY MEANS OF NAIL PLATES [54] MOYEN DE MARQUAGE POUR L'ATTACHEMENT DE POUTRES DE BOIS AU MOYEN DE PLAQUES DE CLOUTERIE [72] WOLF, JOHANN, AT [71] WOLF SYSTEMBAU GESELLSCHAFT M.B.H., AT [85] 1999-10-14 [86] 1999-04-23 (PCT/AT99/00101) [87] 1999-12-30 () [30] AT (A 1136/98) 1998-06-30</p>	<p>[21] 2,286,567 [13]</p> <p>[51] Int.Cl. 6F28D 20/02 [25] EN [54] HEAT ACCUMULATOR, ESPECIALLY LATENT HEAT ACCUMULATOR [54] ACCUMULATEUR DE CHALEUR, NOTAMMENT UN ACCUMULATEUR DE CHALEUR LATENTE [72] HORZ, STEPHAN, DE [72] HUGHES, GREGORY G., US [71] MODINE MANUFACTURING COMPANY, US [85] 1999-10-13 [86] 1999-03-24 (PCT/EP99/02012) [87] 1999-10-21 (WO99/53258) [30] DE (19815777.0) 1998-04-08</p>	<p>[21] 2,289,562 [13]</p> <p>[51] Int.Cl. 6C09D 183/07 6C09D 183/02 6C03C 17/30 [25] EN [54] COATING MATERIAL FOR FORMING VITREOUS COATING FILM, METHOD OF COATING WITH THE SAME, AND COATER [54] MATERIAU DE REVETEMENT PERMETTANT D'OBTENIR UN FILM DE REVETEMENT VITREUX, PROCEDE DE FORMATION D'UN REVETEMENT A L'AIDE DE CELUI-CI, ET DISPOSITIF D'APPLICATION DE REVETEMENT [72] SHIRAKURA, AKIRA, JP [72] KIM, NAM-HEUN, JP [72] HAYASHI, KAZUTAKA, JP [71] THE CLEAN JAPAN CENTER FOUNDATION, JP [71] KIRIN BEER KABUSHIKI KAISHA, JP [85] 1999-11-12 [86] 1998-03-11 (PCT/JP98/01018) [87] 1998-11-19 (WO98/51752) [30] JP (122445/1997) 1997-05-13</p>
<p>[21] 2,286,194 [13]</p> <p>[51] Int.Cl. 6H04N 5/76 [25] EN [54] MULTI-FORMAT AUDIO/VIDEO PRODUCTION SYSTEM WITH FRAME-RATE CONVERSION [54] SYSTEME DE PRODUCTION AUDIO-VIDEO A FORMAT MULTIPLE AVEC CONVERSION DE FREQUENCE DE TRAMES [72] WASHINO, KINYA, US [71] WASHINO, KINYA, US [85] 1999-10-05 [86] 1998-04-07 (PCT/US98/06813) [87] 1998-10-15 (WO98/46016) [30] US (08/834,912) 1997-04-07</p>	<p>[21] 2,289,546 [13]</p> <p>[51] Int.Cl. 6F01K 23/10 6F02C 7/18 [25] EN [54] GAS AND STEAM TURBINE SYSTEM, AND REFRIGERATION OF THE COOLANT INTENDED FOR THE GAS TURBINE IN SUCH A SYSTEM [54] SYSTEME DE TURBINES A GAZ ET A VAPEUR ET PROCEDE DE REFROIDISSEMENT DE L'AGENT REFRIGERANT DE LA TURBINE A GAZ D'UN TEL SYSTEME [72] GREIS, THOMAS, DE [72] REICHARD, ALFRED, DE [72] GEBKE, KLAUS, DE [72] THIEL, HANS-JOACHIM, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 1999-11-12 [86] 1998-04-30 (PCT/DE98/01200) [87] 1998-11-26 (WO98/53184) [30] DE (197 20 654.9) 1997-05-16</p>	<p>[21] 2,289,584 [13]</p> <p>[51] Int.Cl. 6F25D 23/12 6A47J 39/00 6F25D 25/02 [25] FR [54] INSTALLATION POUR LA CONSERVATION FROIDE AVEC RECHAUFFAGE LOCALISE DE METS SUR DES PLATEAUX-REPAS [54] INSTALLATION FOR COLD PRESERVATION WITH LOCALISED HEATING OF MEALS ON MEAL SERVICE TRAYS [72] GRANDI, RENÉ VINCENT, IT [71] ITALINNOVA S.A.S. DI GRANDI RENE VINCENT, IT [85] 1999-11-10 [86] 1998-05-12 (PCT/FR98/00946) [87] 1998-11-26 (WO98/53260) [30] FR (97/05890) 1997-05-12</p>

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[21] **2,289,609**

[13]

[51] **Int.Cl. 6B25J 13/00 6G05B 19/414**
[25] EN
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[54] **DISPOSITIF DE COMMANDE DE ROBOT**
[72] KOYAMA, MASATAKA, JP
[72] SHIMOMURA, NOBUYASU, JP
[72] ONOUE, KAZUHIKO, JP
[72] UENO, TAKAHIRO, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 1999-11-12
[86] 1998-05-12 (PCT/JP98/02092)
[87] 1998-11-19 (WO98/51456)
[30] JP (121342/1997) 1997-05-12

[21] **2,289,635**

[13]

[51] **Int.Cl. 6A23J 3/14**
[25] EN
[54] **PROCESS AND DEVICE FOR GENTLE MODIFICATION OF THE FUNCTIONAL PROPERTIES OF A PROTEIN PREPARATION**
[54] **PROCEDE ET DISPOSITIF DE MODIFICATION, SANS RISQUE D'ALTERATION, DES PROPRIETES FONCTIONNELLES D'UNE PREPARATION PROTEINIQUE**
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[72] LUCK, THOMAS, DE
[72] WÄSCHE, ANDREAS, DE
[71] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 1999-11-12
[86] 1998-03-24 (PCT/DE98/00865)
[87] 1998-11-26 (WO98/52426)
[30] DE (197 21 079.1) 1997-05-20

[21] **2,289,676**

[13]

[51] **Int.Cl. 6A61K 31/34 6A61K 31/085 6C07D 493/10 6A61K 31/35 6C07D 307/79**
[25] EN
[54] **PREVENTIVES/REMEDIES FOR ARTERIOSCLEROSIS**
[54] **AGENTS PROPHYLACTIQUES ET THERAPEUTIQUES CONTRE L'ARTERIOSCLEROSE**
[72] CYNISHI, OSAMU, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 1999-11-08
[86] 1998-04-23 (PCT/JP98/01861)
[87] 1998-11-12 (WO98/50025)
[30] JP (154260/1997) 1997-05-08

[21] **2,289,679**

[13]

[51] **Int.Cl. 6C07K 14/16 6G01N 33/569**
[25] EN
[54] **METHOD FOR DETECTING HIV ANTIBODIES AND ANTIGENS USED TO THIS END**
[54] **PROCEDE DE MISE EN EVIDENCE D'ANTICORPS ANTI-VIH ET ANTIGENES UTILISES A CET EFFET**
[72] DONIE, FREDERIC, DE
[72] FAATZ, ELKE, DE
[72] HOESS, EVA, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 1999-11-08
[86] 1998-05-13 (PCT/EP98/02816)
[87] 1998-11-26 (WO98/52969)
[30] DE (197 20 914.9) 1997-05-16

[21] **2,289,695**

[13]

[51] **Int.Cl. 6H01S 3/098 6H01S 3/109**
[25] EN
[54] **SINGLE MODE LASER**
[54] **LASER MONOMODE**
[72] XIE, PING, US
[71] JDS UNIPHASE CORPORATION, US
[85] 1999-10-20
[86] 1998-05-26 (PCT/US98/10632)
[87] 1998-12-03 (WO98/54803)
[30] US (08/861,372) 1997-05-27

[21] **2,289,728**

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[51] **Int.Cl. 6B29C 45/16 6B29C 69/00 6H01L 23/02**
[25] EN
[54] **METHOD FOR MAKING SMART CARDS**
[54] **PROCEDE DE FABRICATION DE CARTE A MICROPROCESSEUR**
[72] TIFFANY, HARRY J., III, US
[71] CARDXX, INC., US
[85] 1999-11-05
[86] 1998-04-07 (PCT/US98/06976)
[87] 1998-11-26 (WO98/52735)
[30] US (60/048,704) 1997-05-19
[30] US (08/925,593) 1997-09-08

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The BOC Group, Inc.	2,191,291	Tsunoda, Masaki	2,159,282	Wilhelm, Friedrich	2,161,860
The Jel Sert Co.	2,204,467	Tsunoda, Susumu	2,136,813	Wilhelm, Thomas	2,020,003
THE MINNESOTA MINING		Turcotte, David E.	2,081,727	WILLIAM EXLINE, INC.	2,192,840
AND MANUFACTURING		Turley, Eva Anne	2,106,695	WILLIAMS, Ken	2,205,054
COMPANY	2,004,049	U.S. FILTER/		Wilson, Charles A.	2,003,919
THE MINNESOTA MINING		WHEELABRATOR		Wilson, Susan L.	2,119,641
AND MANUFACTURING		(CANADA) INC.	2,126,501	Wistar Institute of Anatomy and	
COMPANY	2,012,529	Uchida, Kiyoyuki	2,144,624	Biology (The)	2,012,895
THE PILOT INK CO., LTD.	2,108,839	Ueki, Tomokazu	2,027,977	Witherspoon, Leland	2,188,573
THE PROCTER & GAMBLE		Uetsuka, Hisato	2,177,789	Witney, Franklin R.	2,171,588
COMPANY	2,148,469	Uhlemann, Karl	2,179,253	Wm. Wrigley Jr. Company	2,190,095
THE PROCTER & GAMBLE		Umetsu, Masakazu	2,114,374	Worek, Denis	2,157,536
COMPANY	2,159,073	Uniline Limited	2,135,299	Wu, Lei	2,041,595
THE PROCTER & GAMBLE		UNISON INDUSTRIES, INC.	2,193,620	Wyble, Thomas J.	2,168,994
COMPANY	2,159,925	United States of America		X-CYTE, INC.	2,068,521
THE PROCTER & GAMBLE		represented by the Secretary,		X-CYTE, INC.	2,068,538
COMPANY	2,159,932	U.S.	2,055,494	XEROX CORPORATION	2,168,994
THE PROCTER & GAMBLE		United Technologies Corporation	2,134,747	Yagi, Kiyoshi	2,184,676
COMPANY	2,159,940	UNIVERSITY OF		Yagi, Kiyoshi	2,190,068
THE PROCTER & GAMBLE		MELBOURNE (THE)	1,340,876	Yamada, Kouji	2,000,985
COMPANY	2,167,370	UNIVERSITY OF SYDNEY		Yamaguchi, Eiji	2,117,253
THE PROCTER & GAMBLE		(THE)	1,340,876	Yamaki, Jun-ichi	2,175,856
COMPANY	2,169,098	Urnezis, Philip W.	2,190,095	Yamamoto, Masao	2,045,072
THE PROCTER & GAMBLE		Uroath Corporation	2,015,831	Yamamoto, Saneshiro	2,091,963
COMPANY	2,175,329	Valere, Michel	2,005,443	Yamamoto, Satoshi	2,027,977
THE PROCTER & GAMBLE		Vallee, Antoine	2,076,054	Yamamoto, Yoshimasa	2,036,059
COMPANY	2,182,676	Van Raemdonck, René	2,053,535	Yamanaka, Hideaki	2,028,329
THE PROCTER & GAMBLE		VAN RIPER, Philip C.	2,216,563	Yamanaka, Masaru	2,045,072
COMPANY	2,191,135	Vasil, James Francis	2,117,279	Yamanishi, Ryo	2,132,199
THE PROCTER & GAMBLE		Velissaropoulos, T. Dora	2,039,365	Yamatsu, Isao	2,000,985
COMPANY	2,191,311	Verbrugge, Calvin J.	2,167,816	Yamauchi, Yoshio	2,179,674
THE REGENTS OF THE		VERIDICOM, INC	2,190,544	Yanagishita, Norio	2,001,793
UNIVERSITY OF		Villaume, Henry F.	2,186,488	Yanaka, Kiyotaka	2,051,759
CALIFORNIA	2,001,123	Viltro, Louis John	2,191,311	Yashiro, Masahiko	2,083,831
THE REGENTS OF THE		Vinnage, William Robert, Jr.	2,191,311	Yatka, Robert J.	2,190,095
UNIVERSITY OF		Visintainer, Joseph A.	2,134,747	Yazaki Corporation	2,091,963
CALIFORNIA	2,001,124	Vives, Michel	2,011,078	Yeh, Charles Shiao-Hsiung	2,060,144
THE REGENTS OF THE		Vos, Eddy	2,182,676	Yoon, Sung June	2,168,764
UNIVERSITY OF		W.L. Gore & Associates, Inc.	2,190,617	Yoshidome, Fumihito	2,171,095
CALIFORNIA	2,087,960	W.L. Systems, Inc.	2,060,181	Yoshimura, Hiroyuki	2,000,985
THE SCOTT FETZER		Wada, Tetsu	2,159,282	Yoshino Kogyosho Co., Ltd.	2,044,177
COMPANY	2,229,513	Waggener, Robert G.	2,060,181	YOSHINO, Ryouzou	2,215,257
Therasse, Yves	2,108,809	Wagner, Philip Gus	2,160,839	Yosizato, Akihiko	2,085,010
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A. NATTERMANN & CIE. GMBH	2,276,984	AYANOGLU, Ender	2,270,701	BROWN, JACK D.	2,276,318
ABBOTT, David	2,242,025	BACON, John Ellis	2,261,247	BROWN, MICHAEL	2,276,697
ABBOTT, Frank S.	2,241,853	BAKICH, SHANNON L.	2,275,074	BROWN, STEPHEN JOHN	2,271,680
ABDOU-SABET, Sabet	2,274,324	BARTHALOW, HENRY DAVID	2,276,695	BRUGGER, Roland	2,273,408
ABRAMOVICI, Miron	2,271,251	BASF CORPORATION	2,276,232	BRUNING, HANS-JOACHIM	2,276,642
ACCULUBE MANUFACTURING GMBH - SCHMIERMITTEL UND - GERÄTE	2,276,230	BASS, Jonathan L.	2,241,621	BUCKLAND, GUY	2,276,324
ACHESON, Doug W.F.	2,241,881	BATZ-SOHN, CHRISTOPH	2,276,657	BUHRMANN, RUDOLPH	2,276,220
ACRES GAMING INCORPORATED	2,274,923	BAY MILLS LIMITED	2,274,386	BUHRMANN, RUDOLPH	2,276,786
ACRES, John F.	2,274,923	BEAUPRE, JEAN M.	2,276,309	BUI-BERTRAND, LIEN	2,276,855
ADIR ET COMPAGNIE	2,274,621	BEAUPRE, JEAN M.	2,276,313	BULL S.A.	2,276,235
ADRIAENSSENS, Luc Walter	2,272,012	BEAUPRE, JEAN M.	2,276,316	BURDZINSKI, Gregory	2,241,881
ADVANCED ELASTOMER SYSTEMS, L.P.	2,274,324	BECKER, Theodore A.	2,270,241	CAMPBELL, Glen R.	2,242,082
AINGER, Raymond III	2,264,494	BEER, EKKEHARD	2,276,540	CAMPBELL, JOHN	2,276,679
AKTIEBOLAGET ELECTROLUX	2,274,289	BEER, EKKEHARD	2,276,541	CAMPBELL, NEIL E.	2,275,017
ALANYALI, Murat	2,270,701	BEER, EKKEHARD	2,276,723	CAMPO, Rudi	2,264,494
ALBANY INTERNATIONAL CORP.	2,255,340	BEER, EKKEHARD	2,276,728	CANAU, DIDIER	2,276,561
ALBERT, Jane	2,272,036	BENDER MACHINE INC.	2,241,616	CANON KABUSHIKI KAISHA	2,276,082
ALCATEL	2,275,007	BENTER, Dean William	2,262,107	CANON KABUSHIKI KAISHA	2,276,315
ALCATEL	2,275,008	BERNTSSON, PETER	2,276,709	CANON KABUSHIKI KAISHA	2,276,334
ALCATEL	2,275,092	BERTRAND, Philippe F.	2,242,110	CANTWELL, ROBERT W.	2,276,538
ALCATEL	2,276,336	BESHAI, MAGED E.	2,242,191	CANZONIER, James Vincent	2,270,678
ALCATEL	2,276,342	BHULLAR, Gurpreet	2,242,209	CARLIER, CHRISTOPHE	2,276,314
ALCATEL	2,276,343	BIEDENWEG, BARON R.	2,276,688	CARPENTER, Gary D.	2,271,536
ALCATEL	2,276,537	BIENVENUT, Willy Vincent	2,244,947	CARRARO, Gianpaolo U.	2,270,705
ALCATEL USA SOURCING, L.P.	2,276,538	BIRBAUM, JEAN-LUC	2,276,588	CARTIER, Raymond	2,237,877
ALLAN, Graham	2,242,209	BIRON, Jean-Philippe	2,239,949	CAUBIT, PIERRE	2,276,235
ALLIANT DEFENSE ELECTRONICS SYSTEMS, INC.	2,275,003	BLAKE-WILSON, Simon	2,241,705	CAUCHY, Charles J.	2,272,193
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ANDERSON, Aaron	2,273,425	BOBADILLA, Omar Javier	2,270,678	CERTICOM CORP.	2,241,705
ANDERSON, Bruce James Jr.	2,273,762	BOCKING, Victor Robert	2,241,881	CHAPMAN, Graham	2,241,865
ANDO, YASUHIRO	2,276,631	BODELL, James R.	2,241,485	CHARMAG S.A.	2,276,260
ANDRESSEN, CLARENCE C.	2,275,003	BODJACK, JOHN	2,276,989	CHATTERJI, JITEN	2,276,539
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		BONILLA, Nelson	2,273,385	COURTEMANCHE, Denis	2,241,965
		BOTELER, WILLIAM C.	2,276,639	COUTURE, Raymond	2,242,057
		BOUTIN, Robert F.	2,265,203	COUTURE, RAYMOND	2,276,988
		BOWEN, FRANK P. H.	2,276,831	CRAWFORD, Karen L.	2,255,340
		BP CHEMICALS LIMITED	2,276,314	CRICK, Clint Raymond	2,242,126
		BRASSET, JEAN-FRANÇOIS	2,276,295	CROMER, Daryl C.	2,271,534
		BREINEISER, THOMAS R.	2,276,668	CROMWELL, ROGER S.	2,276,539
		BRIDGESTONE/FIRESTONE, INC.	2,276,379	CUCCHI, SILVIO	2,276,336
		BRIDGESTONE/FIRESTONE, INC.	2,276,683	CURRY, Richard Wynn	2,271,252
		BROOKS, Mark W.	2,241,881	DAHL, Gunnar	2,274,289
				DAI, Dong	2,242,117

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DEAN, Mark E.	2,271,536	FARO TECHNOLOGIES INC.	2,276,991	GOODMAN, FRANK	2,285,660
DEERE & COMPANY	2,262,107	FARRIES, Mark	2,241,707	GOODWIN, Michael James	2,267,019
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DEGUSSA-HULS AKTIENGESELLSCHAFT	2,276,657	FEIGHT, Laurence V.	2,271,537	GORDTS, Stefan	2,264,494
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DETTY, MICHAEL R.	2,276,045	FERAG AG	2,275,791	GRAVILLE, STEPHEN RHYS	2,275,469
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DIETRICH, ERIC A.	2,275,017	FINCH, Thomas E.	2,242,284	GRESHAM, PAUL	2,275,116
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DIGINOSA, Anthony V.	2,241,680	FINGER, John	2,267,011	GRIFFITH, Gary L.	2,270,324
DONFRANCESCO, Angelo T.	2,273,385	FISCHELL, David R.	2,241,717	GRONER, ALBRECHT	2,276,564
DORENBOSCH, Jheroen Pieter	2,274,220	FISCHELL, Robert E.	2,241,717	GROULX, SARAH F.	2,276,045
DOUAY, DAVID	2,276,314	FISCHELL, Tim A.	2,241,717	GROVE U.S. L.L.C.	2,276,695
DOW CORNING GMBH	2,276,955	FISHER, Albert D.	2,274,273	GSEG LLC	2,260,651
DREWES, Rolf	2,269,747	FISHER, Harold M.	2,273,127	GUHL, DIETER	2,276,475
DUCKWORTH, David Malcolm	2,244,211	FLEAGLE, JON ELVIN	2,276,695	GUPTA, Manish	2,267,824
DUIMOVICH, John	2,241,865	FLEISHMAN, David	2,242,083	GUYOT, MARTIAL	2,276,849
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DUVAL, Gaetan Leo	2,241,864	FORTIER, Raymond	2,237,135	H & R INDUSTRIES, INCORPORATED	2,276,261
DYKES, Christopher A.	2,271,594	FRAMATOME CONNECTORS INTERNATIONAL	2,276,646	HAAS, ANDRÉ	2,276,853
DYNISCO HOTRUNNERS, INC.	2,276,677	FRANCIS, ARTHUR WELLINGTON JR.	2,276,857	HALBERT, Robert C.	2,246,069
DZYCK, WOLFGANG	2,276,633	FRAWLEY, Deidre M.	2,239,804	HALDEX FINANCIAL SERVICES CORPORATION	2,274,273
E.O. SCHWEITZER MANUFACTURING COMPANY, INC.	2,271,537	FRAWLEY, Mark A.	2,239,804	HALLIBURTON ENERGY SERVICES, INC.	2,276,522
E.O. SCHWEITZER MANUFACTURING COMPANY, INC.	2,276,762	FREY, John R.	2,245,604	HALLIBURTON ENERGY SERVICES, INC.	2,276,539
EASTER, CHARLES RICHARD	2,275,850	FRIEDMAN, ALAN E.	2,276,045	HAMA, Melvin Seiji	2,241,881
EBERHARDT, JAN	2,276,475	FRIEDRICH, Hans-Helmut	2,269,746	HAMASAKI, Kazunori	2,241,777
EDÉN, Mikael	2,274,289	FRIEDRICH, Hans-Helmut	2,269,747	HARRINGTON, PETER JOHN	2,276,318
EHRlich, Rodney P.	2,265,405	FRIEDRICH, Hans-Helmut	2,269,877	HARRIS KAYOT, INC.	2,276,688
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ENSZ, Lyndon Dee	2,272,012	FURUKAWA, YUICHI	2,276,795	HATKE, WILFRIED	2,276,541
ESLAMBOLCHI, Hossein	2,274,349	FURUMI, HIROSHI	2,276,554	HATKE, WILFRIED	2,276,723
ESPELAGE, Paul Martin	2,271,792	GABRIEL, GEORGE S.	2,275,017	HATKE, WILFRIED	2,276,728
ESTEAM MANUFACTURING LTD.	2,285,660	GADKARI, Avi	2,274,324	HATKE, WILFRIED	2,276,350
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ETHICON ENDO-SURGERY, INC.	2,276,313	GALEWSKI, JEAN-MARC	2,276,314	HAYASHI, HIROKI	2,276,082
ETHICON ENDO-SURGERY, INC.	2,276,316	GAMBLE, KIMBERLY R.	2,276,736	HAZLEWOOD, MICHAEL C.	2,276,559
ETHICON ENDO-SURGERY, INC.	2,276,385	GARCIN, JEAN DENIS	2,276,848	HELMSTETTER, THOMAS J.	2,276,535
ETHICON ENDO-SURGERY, INC.	2,276,788	GAUSMAN, Joseph H.	2,242,256	HILBURGER, MARK D.	2,276,379
ETHICON ENDO-SURGERY, INC.	2,276,789	GAUSSIN SA	2,276,849	HILBURGER, MARK D.	2,276,683
		GEISS, ARTUR	2,276,230	HINKEMEYER, Thomas J.	2,265,203
		GENERAL ELECTRIC COMPANY	2,266,117	HIRAOKA & CO., LTD.	2,276,861
		GENERAL ELECTRIC COMPANY	2,271,792	HIROSE, YOSHIYUKI	2,276,376
		GERLACH, ERNST	2,276,955	HISGEN, ANDREW L.	2,276,550
		GERRINGER, RODNEY	2,275,017	HITACHI, LTD.	2,276,377
		GHISOLFI, GUIDO	2,276,792	HOCHSTRASSER, Denis Francois	2,244,947
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HUANG, Shou Li	2,242,041	JOHNSTON, DAVE A.	2,276,318	HERMANUS	2,276,476
HUBBELL INCORPORATED	2,273,385	JONES, Thomas C.	2,271,594	LARKIN, Robert S.	2,270,608
HUBBELL INCORPORATED	2,276,639	JORDAN, Patrick	2,271,594	LAROSA, Joseph M.	2,260,651
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ENGINEERING		KATSURA, KOHSUKE	2,276,631	LEHMANN, Martin	2,273,408
(PROPRIETARY)		KAWADA, YOSHIHIRO	2,276,320	LEHR, Erich	2,242,097
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HYSLOP, William J.	2,269,309	KAWAI, TADAHIKO	2,275,086	LEONARD, DANIEL J.	2,276,683
IACHETTA, Richard N., Jr.	2,271,536	KAWAMURA, Isao	2,242,220	LESTAGE, Pierre	2,274,621
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IDO, MOTOHISA	2,277,592	KAZMER, DAVID	2,276,677	CO., INC.	2,276,350
IGI, MASAMI	2,276,320	KEMIRA CHEMICALS OY	2,272,743	LI, JIAN YING	2,276,388
IKEDA, HIROKI	2,276,377	KHATRI, HIRALAL N.	2,276,318	LIGHT, Jeffrey Ross	2,269,178
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CORPORATION	2,271,535	KORN, PETER A.	2,276,636	LUCENT TECHNOLOGIES	
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ISHIBASHI, TARO	2,276,320	KREMER, Richard	2,240,482	LUCENT TECHNOLOGIES,	
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JAELMINGER, Göran	2,267,618	KUMMER, Werner	2,242,097	LUCENT TECHNOLOGIES,	
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