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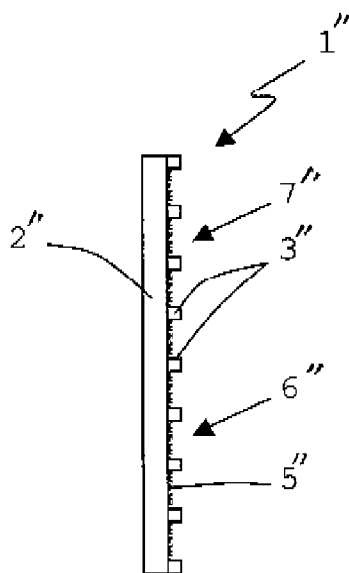
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11/411,531 26 April 2006 (26.04.2006) US
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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
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- Published:**
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) **Date of publication of the international search report:**
7 February 2008

(54) **Title:** PATCH AND USES THEREOF



(57) **Abstract:** A patch comprising a support having electrostatic properties is provided wherein a periphery of the support is coated with an adhesive material, and all or part of the non-adhesive surface of the support is covered with at least one biologically active substance in the form of particles that is adhered to the non-adhesive part of the support by electrostatic forces.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2007/053975

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61B10/00 A61K49/00 B05D1/04 B05D1/24 B29D7/01
ADD. A61B17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61B A61K B05D B29D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/047902 A1 (DUPONT CHRISTOPHE [FR] ET AL) 11 March 2004 (2004-03-11) cited in the application paragraph [0024]	1-5, 8-10, 12-14
Y	paragraph [0032] - paragraph [0034] claims 1,2,4,5,12	6,7, 15-20
Y	GB 501 873 A (HERMANN VOLLMER) 7 March 1939 (1939-03-07) sentence 72 - sentence 100	6,7
Y	EP 0 409 465 A (MITSUI TOATSU CHEMICALS [JP]) 23 January 1991 (1991-01-23) page 5, line 23 - line 39	15,16
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 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

28 November 2007

Date of mailing of the international search report

10/12/2007

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2007/053975

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 1 013 895 A (INDEVCO LTD) 22 December 1965 (1965-12-22) page 3, line 104 - line 111 -----	17, 18
Y	US 5 827 608 A (RINEHART ERNEST M [US] ET AL) 27 October 1998 (1998-10-27) column 4, line 48 - line 52 -----	19
Y	JP 2000 083580 A (IWATE SHINJO NOGYO KYODO KUMIA) 28 March 2000 (2000-03-28) abstract -----	20

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2007/053975

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 21-25
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Diagnostic method practised on the human or animal body
2. Claims Nos.: 11
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 21-25

Rule 39.1(iv) PCT - Diagnostic method practised on the human or animal body

Continuation of Box II.2

Claims Nos.: 11

Rule 39.1(i) PCT - Relates to scientific theory. Further, the subject-matter is not clear, as it relates to a method of designing which is incompatible with a product claim (Article 6 PCT).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-13

A skin patch directed to the arrangement of strips.

2. claims: 14-20

A method of manufacture of a skin patch.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2007/053975

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