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## **PCT**

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CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

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#### **Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

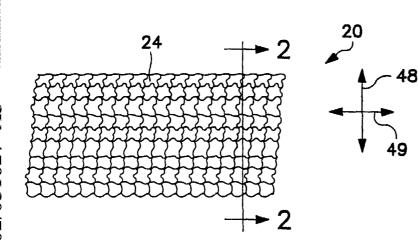
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(54) Title: BIAXIALLY EXTENDIBLE MATERIAL



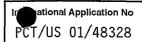
(57) Abstract: Α biaxially extendible, breathable laminate having liquid barrier properties and low retractive force. The laminate includes a nonwoven web neck-stretched in a direction to impart extendibility of the web in a second direction mutually perpendicular with the first direction, and a film that is extendible in the second direction. The film can be a breathable, microporous film, and either be an inelastic film stretched to form rugosities in the second direction, or can be made of an extendible polymer that is extendible in the

second direction. Using an appropriate elastomeric lamination and/or creping adhesive, the laminate (20) is creped to produce extendibility in the first direction with some retractive force. The biaxial extendible laminate (20) is particularly useful as an outer cover for diapers and other personal care products.





#### INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B32B3/28 B32B27/12 B32B5/04 A61F13/15

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)

IPC 7 B32B A61F

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, PAJ, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Α	US 3 719 540 A (HALL J) 6 March 1973 (1973-03-06) claims 1,3 column 1, line 65 -column 2, line 54 column 2, line 65 -column 3, line 15 column 3, line 43 -column 4, line 12	1–59	
Α΄.	US 6 159 584 A (EATON BRADLEY W ET AL) 12 December 2000 (2000-12-12) claims 1,26 column 2, line 59 -column 3, line 14 column 5, line 19 - line 48 column 10, line 33 -column 11, line 11 column 11, line 32 - line 65	1-59	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.				
<ul> <li>Special categories of cited documents:</li> <li>'A' document defining the general state of the art which is not considered to be of particular relevance</li> <li>'E' earlier document but published on or after the international filing date</li> <li>'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)</li> <li>'O' document referring to an oral disclosure, use, exhibition or other means</li> <li>'P' document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"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</li> <li>"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</li> <li>"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.</li> <li>"&amp;" document member of the same patent family</li> </ul>				
Date of the actual completion of the international search 21 August 2002	Date of mailing of the international search report  29/08/2002				
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Girard, S				

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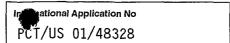
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