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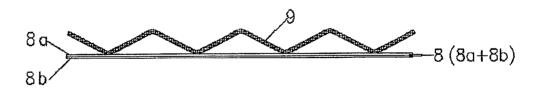
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(54) Title: PROCESS AND APPARATUS FOR MAKING A LAMINATE MATERIAL AND LAMINATE MATERIAL



(57) Abstract: The present invention discloses a method and a process for making a laminate material, comprising a substantially and/or generally flat film (8) and a nonwoven fabric layer (9), having a corrugated shape, which is joined to said film by an adhesive. This film is composed of two thermally bonded layers (8a, 8b) of equal material and thickness and is a breathable, water impervious and water-vapor permeable film. This invention further discloses the use of this laminate material in hygiene products and/or medical products.



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A. CLASSIFICATION OF SUBJECT MATTER
INV. B29C55/18 B32B37/28 B32B3/28 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) B32B B29C 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 C. DOCUMENTS CONSIDERED TO BE RELEVANT Category\* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Υ WO 2005/065947 A (KIMBERLY CLARK CO [US]; 1 - 23PACHECO JOSE ENRIQUE MALDONADO [US]; MCCORMACK) 21 July 2005 (2005-07-21) cited in the application abstract; figures 1.2 page 3, line 9 - line 10 Υ WO 99/30904 A (KIMBERLY CLARK CO [US]) 1 - 2324 June 1999 (1999-06-24) page 2, line 15 - page 3, line 8 figures 1,2 EP 0 556 749 A1 (JAPAN ABSORBENT TECH INST Α 1,2,10, [JP]) 25 August 1993 (1993-08-25) 11 page 10, line 39 - page 11, line 6 X Further documents are listed in the continuation of Box C. Χ See patent family annex. Special categories of cited documents: "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 \*A\* document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "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 "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) 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 docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 16 May 2007 25/05/2007 Name and mailing address of the ISA/ Authorized officer 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 Lanaspeze, Jean

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