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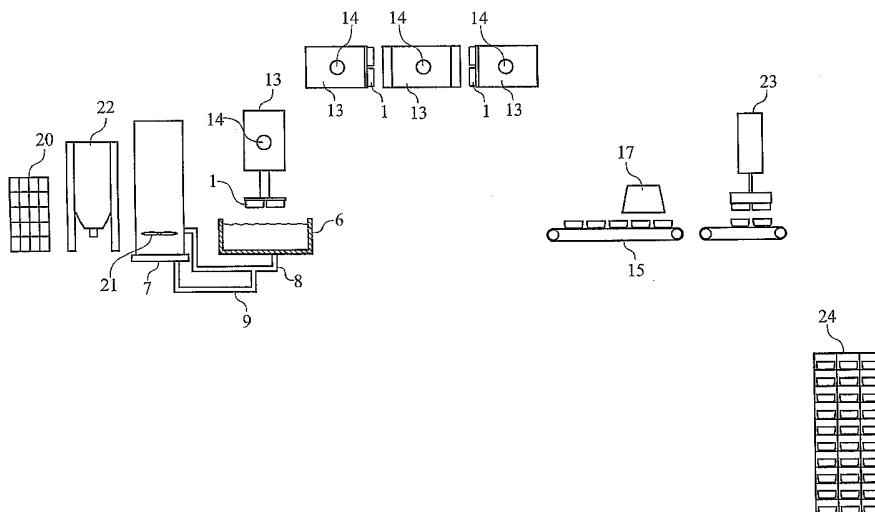
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2 November 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD AND A MACHINE FOR MAKING FIBRE PRODUCTS FROM STOCK AND A NEW TYPE OF FIBRE PRODUCT



(57) Abstract: The present invention relates to a method and a machine for making a fibre product. The invention also relates to a shaped body produced by the inventive method. According to the invention, a fibre product is formed on a first tool. The formed fibre product is then sandwiched between the first tool and a second tool and the surface of the second tool is heated to at least 220°C to evaporate water from the fibre product. The tools are permeable to air and water. When the fibre product has been dewatered to a dry solids content of at least 70%, the fibre product is subjected to microwave heating.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE2005/001772

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

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: D21J, B21D, B65D

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

SE,DK,FI,NO classes as above

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

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 20010035275 A1 (GREGORY W. GALE ET AL), 1 November 2001 (01.11.2001), claim 15 --	1-12,14-20
Y	WO 9722755 A1 (CELTEC DEVELOPMENT AB), 26 June 1997 (26.06.1997), page 2, line 5 - line 23 --	1-12,14-20
A	EP 1197596 A1 (KAO CORPORATION), 17 April 2002 (17.04.2002), abstract --	1-20

 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 application or patent 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

"&" document member of the same patent family

Date of the actual completion of the international search 10 May 2006	Date of mailing of the international search report 08-05-2006
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Mats Raidla/MP Telephone No. +46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE2005/001772

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0562590 A1 (UTSUI CO., LTD), 29 Sept 1993 (29.09.1993), whole document	21-29
A	--	1-20
A	DATABASE WPI Week 199740 Derwent Publications Ltd., London, GB; Class F09, AN1997-432043 & JP9195200 A (NORITAKE CO LTD), 29 July 1997 (1997-07-29) figures 1-7; abstract; & JP9-195200 -----	1-29

**International patent classification (IPC)****D21J 3/00** (2006.01)**B65D 1/00** (2006.01)**Download your patent documents at [www.prv.se](http://www.prv.se)**

Cited patent documents can be downloaded at [www.prv.se](http://www.prv.se) by following the links e-tjänster/anförda dokument. Use the application number as username. The password is **cihgzejfoy**.

Paper copies can be ordered at a cost of 50 SEK per copy from PRV InterPat (telephone number 08-782 28 85).

Cited literature, if any, will be enclosed in paper form.

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE2005/001772**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.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
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:
  
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:

1: Claims 1-20 directed to a method and machine for producing a fiber product from stock.

2: Claims 21-29 directed to a shaped body mainly comprising fibres

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
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.

INTERNATIONAL SEARCH REPORT  
Information on patent family members

04/03/2006

International application No.

PCT/SE2005/001772

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