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(71) Applicant: **PGI POLYMER, INC.** [US/US]; 4055 Faber Place Drive, Suite 201, North Charleston, South Carolina 29405 (US).

(72) Inventors: **CARTER, Nick, M.**; 121 West 14th, Hutchinson, Kansas 67591 (US). **DELEON, Sergio, Diaz**; 16220 Grafham Circle, Huntersville, NC 28078 (US). **MOODY, Ralph, A., III**; 121 Currituck Court, Mooresville, NC 28117 (US).

(74) Agent: **GEIMER, Stephen, D.**; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, Illinois 60661-4592 (US).

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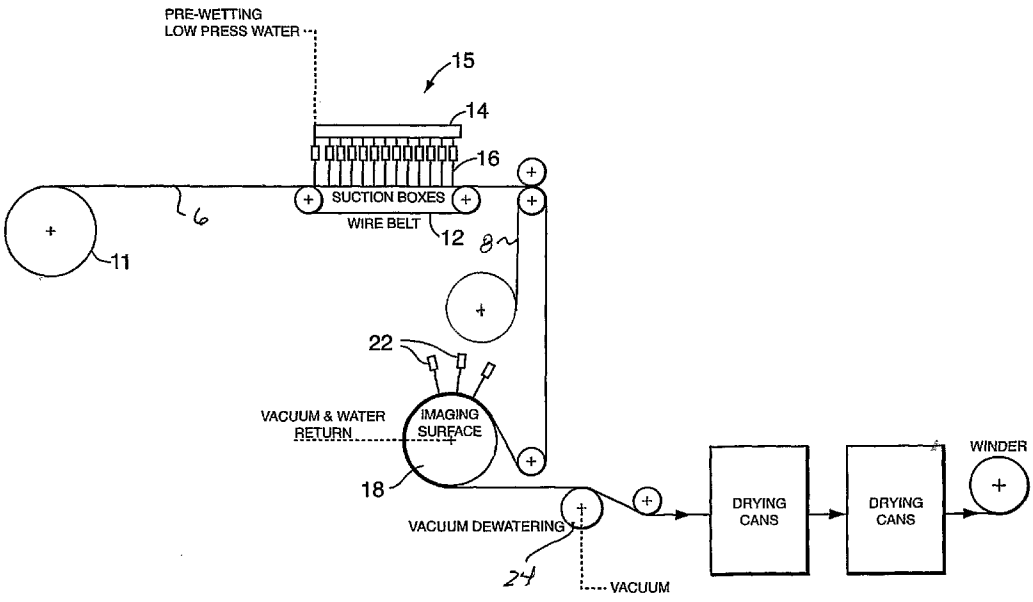
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF MAKING A FILAMENTARY LAMINATE AND THE PRODUCTS THEREOF



(57) Abstract: The present invention is directed to a method of making a laminate nonwoven fabric which entails integration of a continuous filament web with a web of cellulosic fiber material, typically wood pulp. In order to abate loss of cellulosic fiber material during integration by hydroentanglement, the present invention contemplates that the continuous filament web is first subjected to hydroentanglement, with the cellulosic fibrous material thereafter integrated, by hydroentangling, into the partially entangled continuous filament web.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/43152

A. CLASSIFICATION OF SUBJECT MATTER
IPC: **D04H 5/02**(2006.01)

USPC: 28/104
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)
U.S. : 28/104, 105, 167

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,550,115 B1 (SKOOG et al) 22 April 2003 (22.04.2003), see entire disclosure and figures 2-4 and 8.	1-5 and 8
X	WO 01/14624 A1 (BOSCOLO) 01 March 2001 (01.03.2001), see entire disclosure.	1-5 and 8
A	US 3,485,706 A (EVANS) 23 December 1969 (23.12.1969), see column 13, line 60 through column 14, line 22.	1-5 and 8
A	US 5,960,525 A (FLEISSNER) 05 October 1999 (05.10.1999), see figure 2.	1-5 and 8

☐ 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 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

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Date of the actual completion of the international search
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Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Authorized officer
Amy B. Vanatta J. Roberts for
Telephone No. (571) 272-3700

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/43152

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.: Claims 6, 7 and 9
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:
Claim 6 is listed twice but each listing differs. Claims 7 and 9 depends on claim 6, but which one?

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. ☐ 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 additional fees, this Authority did not invite payment of any 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.