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Declarations under Rule 4.17:

— *as to the identity of the inventor (Rule 4.17(i))*

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *of inventorship (Rule 4.17(iv))*

Published:

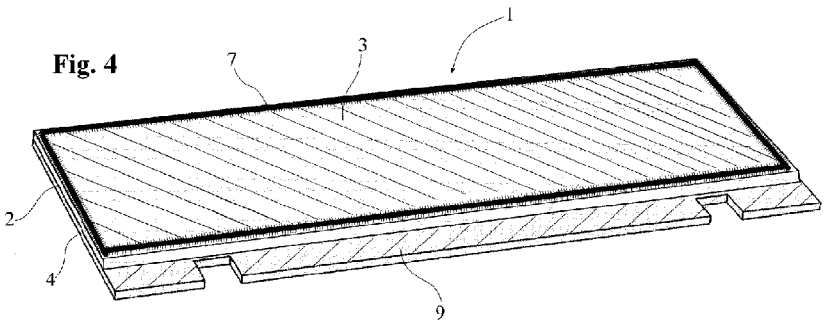
— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
20 February 2014

(54) Title: IMPROVED CLOTH FOR CLEANING

Fig. 4



(57) Abstract: The invention relates to a cleaning cloth (1) with two active cleaning surfaces (3, 4) and an impermeable or semi-im - permeable laminar partition element (5) interposed between the above-mentioned surfaces and hleld on the perimenter of the cloth.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/053486

A. CLASSIFICATION OF SUBJECT MATTER
INV. A47L13/16 A47L13/20
ADD.

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)
A47L

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)
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	DE 198 25 633 A1 (GAUS HADICE HUESNIYE [DE]) 16 December 1999 (1999-12-16) the whole document	1,2,5
X	US 2007/226934 A1 (BOHANNON JEREMIAH [US] ET AL) 4 October 2007 (2007-10-04) paragraphs [0033] - [0036]; figure 3	1-3

☐ 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	Date of mailing of the international search report
25 September 2013	09/12/2013

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, Fax: (+31-70) 340-3016	Lopez Vega, Javier

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2013/053486

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19825633 A1	16-12-1999	NONE	
US 2007226934 A1	04-10-2007	CA 2650491 A1	11-10-2007
		EP 2007266 A2	31-12-2008
		US 2007226934 A1	04-10-2007
		WO 2007115234 A2	11-10-2007

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2013/053486

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:

see additional sheet

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 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.:

1-3(completely); 5(partially)

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

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

1. claims: 1-3(completely); 5(partially)

   cloth with solid connection all along the perimeter edges
   ---

2. claim: 4

   cloth with connection made by welding and/or gluing
   ---

3. claim: 5(partially)

   cloth with solid connection at intervalled points
   ---

4. claim: 6

   cloth with further solid connection
   ---

5. claim: 7

   cloth with coupling wings
   ---

6. claim: 8

   cloth with further absorbent layers
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7. claim: 9

   cloth with filter or membrane
