(11) **EP 1 736 092 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **14.11.2007 Bulletin 2007/46**

(51) Int Cl.: A47L 23/26 (2006.01) D02G 3/44 (2006.01)

D05C 17/02 (2006.01) D02G 3/28 (2006.01)

(43) Date of publication A2: **27.12.2006 Bulletin 2006/52**

(21) Application number: 06012519.2

(22) Date of filing: 19.06.2006

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated Extension States:

AL BA HR MK YU

(30) Priority: 23.06.2005 GB 0512722

(71) Applicant: Milliken Denmark A/S 8544 Mörke (DK)

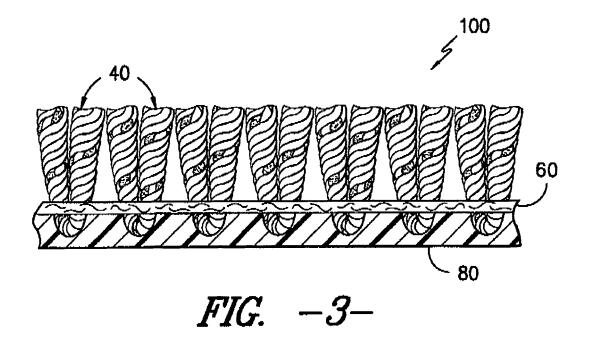
(72) Inventor: Lang, Jan Torben 8500 Ryomgard (DK)

(74) Representative: Raynor, Simon Mark et al Urquhart-Dykes & Lord LLP Midsummer House 413 Midsummer Boulevard Central Milton Keynes MK9 3BN (GB)

(54) Flooring article

(57) A flooring article (100) is provided, having a rubber or polymeric backing layer (80) and a textile upper surface, whose pile is comprised of combination yarns (40) in which a monofilament yarn (10) is intertwined with other fibers (12) before being incorporated with a plurality

of other yarn plies (22). The monofilaments (10) provide scraping functionality to the flooring article (100) and are secured within the mat structure by being entwined with other fibers (12) before twisting with other yarn plies (22). Preferably, the fibers (12) that are not monofilaments are made of cotton for improved absorbency.



EP 1 736 092 A3



EUROPEAN SEARCH REPORT

Application Number EP 06 01 2519

	DOCUMENTS CONSIDERE	D TO BE RELEVANT		
Category	Citation of document with indicat of relevant passages	ion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 965 300 A (WALK 0 22 December 1999 (1999 * paragraphs [0032], figure 1 *	-12-22)	1-9,11	INV. A47L23/26 D05C17/02 D02G3/44 D02G3/28
D,A	EP 0 863 241 A1 (DUSKI 9 September 1998 (1998 * claim 1; figure 3; e	-09-09)	1,2,4-9,	<i>B</i> 0243720
D,A	US 6 468 622 B1 (COMBS 22 October 2002 (2002-* claim 1; figure 2 *		1	
A	EP 0 858 769 A2 (DUSKI 19 August 1998 (1998-0 * claim 1; figure 1 *	 N CO LTD [JP]) 8-19)	1	
A	JP 2000 282339 A (DUSK 10 October 2000 (2000- * abstract *		1	
				TECHNICAL FIELDS SEARCHED (IPC)
				A47L
				D05C D02G A47G D06N
	The present search report has been	drawn up for all claims		
Place of search		Date of completion of the search	510	Examiner
	The Hague	4 October 2007		ouza, Jennifer
X : parti Y : parti docu A : tech	attegory of cited documents cularly relevant if taken alone cularly relevant if combined with another iment of the same category nological background withen displayure	E : earlier patent d after the filing d D : document cited L : document cited	in the application for other reasons	shed on, or
O: non-	-written disclosure rmediate document		same patent family	

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 06 01 2519

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-10-2007

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0965300	Α	22-12-1999	GB	2338412 A	22-12-19
EP 0863241	A1	09-09-1998	AU AU DE DK JP JP TW US	734368 B2 5293698 A 69814216 D1 863241 T3 3957383 B2 10286216 A 418650 Y 6057023 A	14-06-20 20-08-19 12-06-20 02-06-20 15-08-20 27-10-19 11-01-20
US 6468622	B1	22-10-2002	NONE		
EP 0858769	A2	19-08-1998	AU AU DE DK JP JP US	731105 B2 4675097 A 69727549 D1 858769 T3 3735437 B2 10225423 A 5887416 A	22-03-26 20-08-19 18-03-26 10-05-26 18-01-26 25-08-19 30-03-19
JP 2000282339		10-10-2000	JP	3564320 B2	 08-09-20

FORM P0459

 $\stackrel{\circ}{\mathbb{L}}$ For more details about this annex : see Official Journal of the European Patent Office, No. 12/82