



(11)

EP 2 423 359 A3

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.09.2013 Bulletin 2013/38

(51) Int Cl.:
D03D 1/00 (2006.01)

(43) Date of publication A2:
29.02.2012 Bulletin 2012/09

(21) Application number: **11179331.1**

(22) Date of filing: **30.08.2011**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

(72) Inventor: **Wang, Chin-Feng**
437 Taichung City (TW)

(74) Representative: **Zimmermann, Tankred Klaus et al**
Patentanwälte Schoppe, Zimmermann, Stöckeler, Zinkler & Partner
Postfach 246
82043 Pullach (DE)

(30) Priority: **31.08.2010 TW 099129249**

(71) Applicant: **Gold-Joint Industry Co., Ltd.**
C.E.P.Z. Wuci
Taichung City 435
Chinese Taipei (CN)

(54) **Industrial fabric**

(57) An industrial fabric (3) includes a plurality of yarns (31, 32) extending in warp and weft directions and woven into a twill weave structure, which includes 200 ~ 2000 monofilament fibers (311) per inch in either one of the warp and weft directions. A degree of fineness of each monofilament fiber ranges from 50 deniers to 500 deniers. The industrial fabric (3) not only has good strength but also provides excellent water permeability.

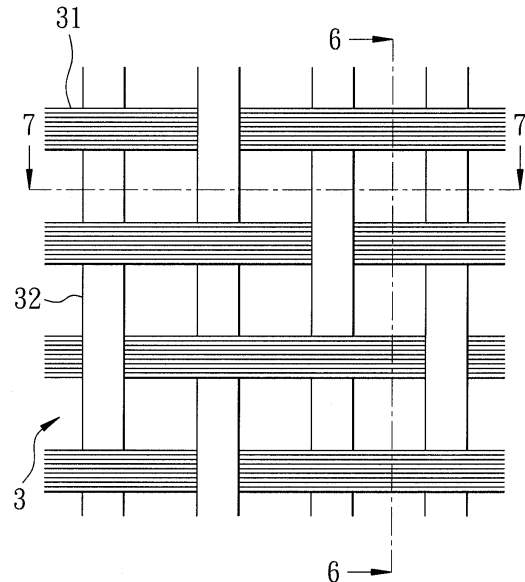


FIG. 5

EP 2 423 359 A3



EUROPEAN SEARCH REPORT

Application Number
EP 11 17 9331

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	JP 2002 337471 A (TEIJIN LTD) 27 November 2002 (2002-11-27) * paragraph [0012] * * paragraph [0016] * * paragraph [0029] - paragraph [0031] *	1,10,11	INV. D03D1/00
A	US 6 171 984 B1 (PAULSON JOHN N [US] ET AL) 9 January 2001 (2001-01-09) * figures 1-4 * * column 15, line 6 - column 17, line 45 * * column 24, line 40 - column 24, line 48 *	1-11	
A	US 5 108 224 A (CABANISS THOMAS G [US] ET AL) 28 April 1992 (1992-04-28) * column 8, line 64 - column 10, line 9 *	1-11	
A	EP 1 595 986 A1 (FERRARI S TISSAGE & ENDUCT SA [FR]) 16 November 2005 (2005-11-16) * paragraph [0015] - paragraph [0021] * * figure 1 *	3-9	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			D03D E02D E02B B32B
1	Place of search Munich	Date of completion of the search 12 August 2013	Examiner Hausding, Jan
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

EPO FORM 1503 03/02 (P04C01)

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

EP 11 17 9331

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.

12-08-2013

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2002337471 A	27-11-2002	NONE	

US 6171984 B1	09-01-2001	AR 017784 A1	24-10-2001
		AU 1620599 A	16-06-1999
		US 6171984 B1	09-01-2001
		WO 9928541 A1	10-06-1999

US 5108224 A	28-04-1992	NONE	

EP 1595986 A1	16-11-2005	EP 1595986 A1	16-11-2005
		FR 2870262 A1	18-11-2005

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82