



- (51) International Patent Classification:
D03D 15/00 (2006.01) *D06C 13/00* (2006.01)
D06C 11/00 (2006.01)
- (21) International Application Number:
PCT/IB2013/059722
- (22) International Filing Date:
28 October 2013 (28.10.2013)
- (25) Filing Language: Italian
- (26) Publication Language: English
- (30) Priority Data:
TO2012A000944 26 October 2012 (26.10.2012) IT
TO2012A000990 15 November 2012 (15.11.2012) IT
TO2012A000991 15 November 2012 (15.11.2012) IT
- (71) Applicant: LANIFICIO ERMENEGILDO ZEGNA & FIGLI S.P.A. [IT/IT]; Via Roma 99/100, I-13835 Trivero (Biella) (IT).
- (72) Inventor: FERRARIS, Augusto; Via Roma 99/100, I-13835 Trivero (Biella) (IT).
- (74) Agents: QUINTERNO, Giuseppe et al.; c/o Jacobacci & Partners S.p.A., Corso Emilia 8, I-10152 Torino (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM,

[Continued on next page]

(54) Title: METHOD FOR MANUFACTURING A SILK-BASED FABRIC

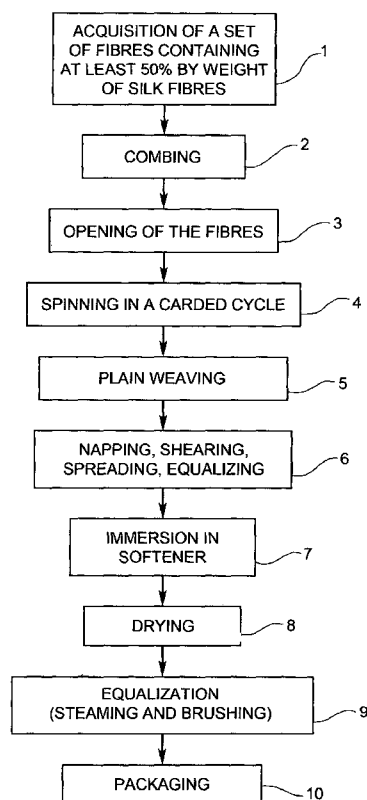


FIG. 1

(57) Abstract: The process comprises the operations of manufacturing a silk-based yarn by means of a carded spinning cycle (4) using combinations of fibres containing at least 50% by weight of silk roving; manufacturing a plain woven fabric (5) with warp and weft threads using said yarns, and subjecting the plain woven fabric to finishing operations (6).



TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

- (84) Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- 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:

12 June 2014

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/059722

A. CLASSIFICATION OF SUBJECT MATTER

INV. D03D15/00 D06C11/00 D06C13/00
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)

D06C D03D D02G A41D D01B

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	CN 1 103 116 A (FLANNELETTEBLANKET FACTORY OF [CN]) 31 May 1995 (1995-05-31) the whole document -----	1-16
X	CN 102 061 550 B (JIANGSU SUNSHINE CO LTD) 4 July 2012 (2012-07-04) paragraph [0004] - paragraph [0005]; claims 1-2 -----	1-16
X	CN 1 814 876 A (SHANGHAI CHANGMING INDUSTRY CO [CN]) 9 August 2006 (2006-08-09) page 6, line 1 - line 7; claims 4-5; examples 1,4 page 7, line 12 - line 20 page 10, line 14 - page 11, line 24 ----- -/--	1-16



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 April 2014

Date of mailing of the international search report

24/04/2014

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Pollet, Didier

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/059722

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2010 0003128 A (REFINING METHOD OF SILKS [KR]) 7 January 2010 (2010-01-07) paragraph [0001] paragraph [0009] paragraph [0021] - paragraph [0035]; examples 3-5 -----	1-16
A	CN 1 062 181 A (RUGAO TEXTILE FACTORY [CN]) 24 June 1992 (1992-06-24) page 3, line 13 - page 4, line 9; claims 1-3 -----	1-16
A	CN 1 247 243 A (QIN ZHIQIANG [CN]) 15 March 2000 (2000-03-15) page 1, line 26 - line 33 page 2, line 7 - line 31; claims 1-4 -----	1-16
A	JP S62 110949 A (SHIBATA KOZO) 22 May 1987 (1987-05-22) abstract -----	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2013/059722

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 1103116	A	31-05-1995	NONE	

CN 102061550	B	04-07-2012	NONE	

CN 1814876	A	09-08-2006	NONE	

KR 20100003128	A	07-01-2010	NONE	

CN 1062181	A	24-06-1992	NONE	

CN 1247243	A	15-03-2000	NONE	

JP S62110949	A	22-05-1987	NONE	
