(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) **EP 2 530 197 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.03.2014 Bulletin 2014/13

(43) Date of publication A2:
05.12.2012 Bulletin 2012/49

(21) Application number: **12004256.9**

(22) Date of filing: **04.06.2012**

(51) Int Cl.:
D04B 1/22 *(2006.01)*

(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

(30) Priority: **03.06.2011 JP 2011124921**

(71) Applicant: **Shima Seiki Mfg., Ltd**
Wakayama-shi,
Wakayama 641-8511 (JP)

(72) Inventor: **Uemichi, Kazuya**
Wakayama-shi
Wakayama 641-8511 (JP)

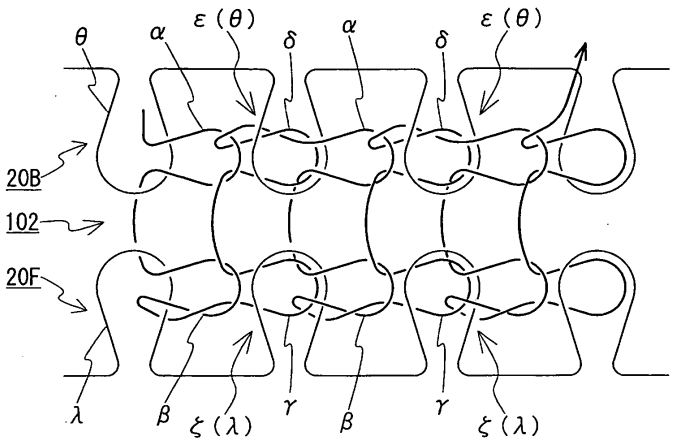
(74) Representative: **Wagner, Karl H.**
Wagner & Geyer
Gewürzmühlstrasse 5
80538 Munich (DE)

(54) **Knitting method of knitted fabric, and knitted fabric**

(57) To provide a knitting method of a knitted fabric capable of making a stretchability of a bind-off processed portion greater than in the prior art when connecting stitches at an end in a wale direction of front and back knitted fabric portions through a bind-off process. The following steps A to F are repeated. Step A of forming a new stitch α following an end stitch θ in a starting end direction LS of one side knitted fabric portion 20B. Step B of forming a new stitch P following an end stitch λ in the starting end direction LS of the other side knitted fabric portion 20F. Step C of forming a new stitch γ following the stitch β. Step D of forming a new stitch δ following the stitch α. Step E of forming a double stitch s in which the stitch δ and a stitch next to the stitch δ in a bind-off direction RS are overlapped. Step F of forming a double stitch ζ in which the stitch γ and a stitch next to the stitch γ in the bind-off direction RS are overlapped.

Here, one of the stitch α and the stitch δ is a front stitch and the other is a back stitch, and one of the stitch β and the stitch γ is a front stitch and the other is a back stitch.

Fig. 2



EP 2 530 197 A3

Europäisches Patentamt
European Patent Office
Office européen des brevets

EUROPEAN SEARCH REPORT

Application Number
EP 12 00 4256

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 2011/018929 A1 (SHIMA SEIKI MFG LTD) 17 February 2011 (2011-02-17) * figures 1-8 * -----	1-4	INV. D04B1/22
A,D	JP H09 241950 A (SHIMA SEIKI MFG) 16 September 1997 (1997-09-16) * abstract * -----	1-4	
A,D	JP H08 337946 A (SHIMA SEIKI MFG) 24 December 1996 (1996-12-24) * abstract * -----	1-4	
			TECHNICAL FIELDS SEARCHED (IPC)
			D04B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	17 February 2014	Wendl, Helen

CATEGORY OF CITED DOCUMENTS

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

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

EPO FORM 1503 03.82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 12 00 4256

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.

17-02-2014

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2011018929 A1	17-02-2011	CN 102471960 A	23-05-2012
		EP 2465983 A1	20-06-2012
		WO 2011018929 A1	17-02-2011
JP H09241950 A	16-09-1997	JP 3044368 B2	22-05-2000
		JP H09241950 A	16-09-1997
JP H08337946 A	24-12-1996	JP 3798062 B2	19-07-2006
		JP H08337946 A	24-12-1996

EPO FORM P0459

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