

(11) **EP 2 460 919 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 17.07.2013 Bulletin 2013/29

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

(43) Date of publication A2: **06.06.2012 Bulletin 2012/23**

(21) Application number: 11009402.6

(22) Date of filing: 28.11.2011

(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

(30) Priority: 02.12.2010 JP 2010269034

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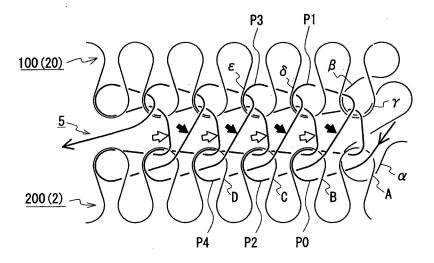
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(54) Joining method of knitted fabric and knitted fabric

(57) To provide a joining method of a knitted fabric in which stretchability of a joining portion can be sufficiently ensured when joining through a bind-off process two knitted fabrics, which are independently knitted, with ends in a wale direction of the knitted fabrics butted against each other. When starting the joining of the knitted fabrics (100, 200) from a boundary of the first knitted fabric (100) and the second knitted fabric (200), formation

of a bind-off stitch (P1, P2) is repeated in each of the first knitted fabric (100) and the second knitted fabric (200). A pickup stitch (R) is formed on an empty needle of either the front or the back needle bed and removed from the needle bed thereafter between the formation of the bind-off stitch (P1) in the first knitted fabric (100) and the formation of the bind-off stitch (P2) in the second knitted fabric (200) to increase a yarn length connecting the first bind-off stitch (P1) and the second bind-off stitch (P2).

Fig. 5



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EUROPEAN SEARCH REPORT

Application Number EP 11 00 9402

	DOCUMENTS CONSIDE	RED TO BE RELEVANT			
Category	Citation of document with ind of relevant passag		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
Х	EP 0 781 880 A1 (SHI 2 July 1997 (1997-07	-02)	7	INV. D04B1/22	
A	* column 3, lines 1- * column 6, line 24	55; figures 1-6 * - column 8, line 47 *	1-6		
A,D	ET AL) 21 December 1 * column 1, line 40 figure 4 * * column 3, lines 22	- column 2, line 23;	1-7		
A	JP 2008 163529 A (SH 17 July 2008 (2008-0 * the whole document	 IMA SEIKI MFG) 7-17)	1-7		
				TECHNICAL FIELDS SEARCHED (IPC)	
				D04B	
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	The present search report has be	·			
Place of search Munich		Date of completion of the search 6 June 2013	lular	Examiner Wendl, Helen	
	ATEGORY OF CITED DOCUMENTS	T : theory or princip			
X : part Y : part docu A : tech	icularly relevant if taken alone icularly relevant if combined with anothe iment of the same category nological background	E : earlier patent do after the filing da or D : document cited L : document cited t	ocument, but publi tte in the application for other reasons		
O : non	-written disclosure rmediate document	& : member of the s	& : member of the same patent family, corresponding document		

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EP 11 00 9402

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06-06-2013

A1 A	02-07-199721-12-199317-07-2008	DE DE EP US US CN DE DE EP ES JP JP TR US WO	69617617 69617617 0781880 5836177 6070438 6119050 1062386 69111788 69111788 0504412 2075464 2538486 H04126852 25307 5271249 9205304	T2 A1 A A A D1 T2 A1 T3 B2 A A A A1	17-01-20 08-05-20 02-07-19 17-11-19 06-06-20 12-09-20
		DE DE EP ES JP TR US WO	69111788 69111788 0504412 2075464 2538406 H04126852 25307 5271249 9205304	D1 T2 A1 T3 B2 A A A A1	07-09-19 07-12-19 23-09-19 01-10-19 25-09-19 27-04-19 01-01-19 21-12-19 02-04-19
A	17-07-2008				

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