

Search history

Search step	Result(s)	Query
31	74	14 AND 30
30	115	29 AND 20
29	302	28 AND 7
28	2477	(D04B-001/24)/IPC
27	19	25 AND 14
26	44	22 AND 8
25	19	14 AND 24
24	30	23 AND 8
23	3136	22 AND (JACKET+ OR TROUSER+ OR SUIT OR DRESS+)/TI/AB/CLMS/DESC/ODES
22	6787	21 AND 5
21	25418	20 AND 6
20	28305	((TUBULAR AND KNIT+)/TI/AB/CLMS/DESC/ODES AND (+STRETCH+)/TI/AB/TX/CLMS/DESC/ODES)
19	37	18 AND (JACKET+ OR TROUSER+ OR SUIT OR DRESS+)
18	248	17 AND 5
17	1017	16 AND 6
16	1187	12 AND 7
15	4	13 AND 14
14	48646734	PD<20150206
13	8	9 AND 12
12	5821	(KNIT?WEAR)/TI/AB/CLMS/DESC/ODES
11	144	4 AND 9
10	8333	..SIMILARITY SS 9 RANKED 5
9	293	8 AND 7 AND 6 AND 5
8	6503	(A41H-043)/IPC
7	4734057	((APPL+ OR PUT+)/TI/AB/CLMS/DESC/ODES AND (GLUE+ OR ADHESIV+)/TI/AB/TX/CLMS/DESC/ODES)
6	30278142	(CUT+ OR CHOP+ OR HACK+ OR SLICE+ OR SEPARAT+ OR DIVID+)/TI/AB/CLMS/DESC/ODES
5	2603948	(JOIN OR ASSEMBLE OR PUT TOGETHER OR GATHER)/TI/AB/CLMS/DESC/ODES
4	19274	..SIMILARITY SS 1 RANKED 1
3	17745	..SIMILARITY SS 2 RANKED 1
2	1	(ES2247125)/PN
1	1	(JP2014231647)/PN

10 Documents

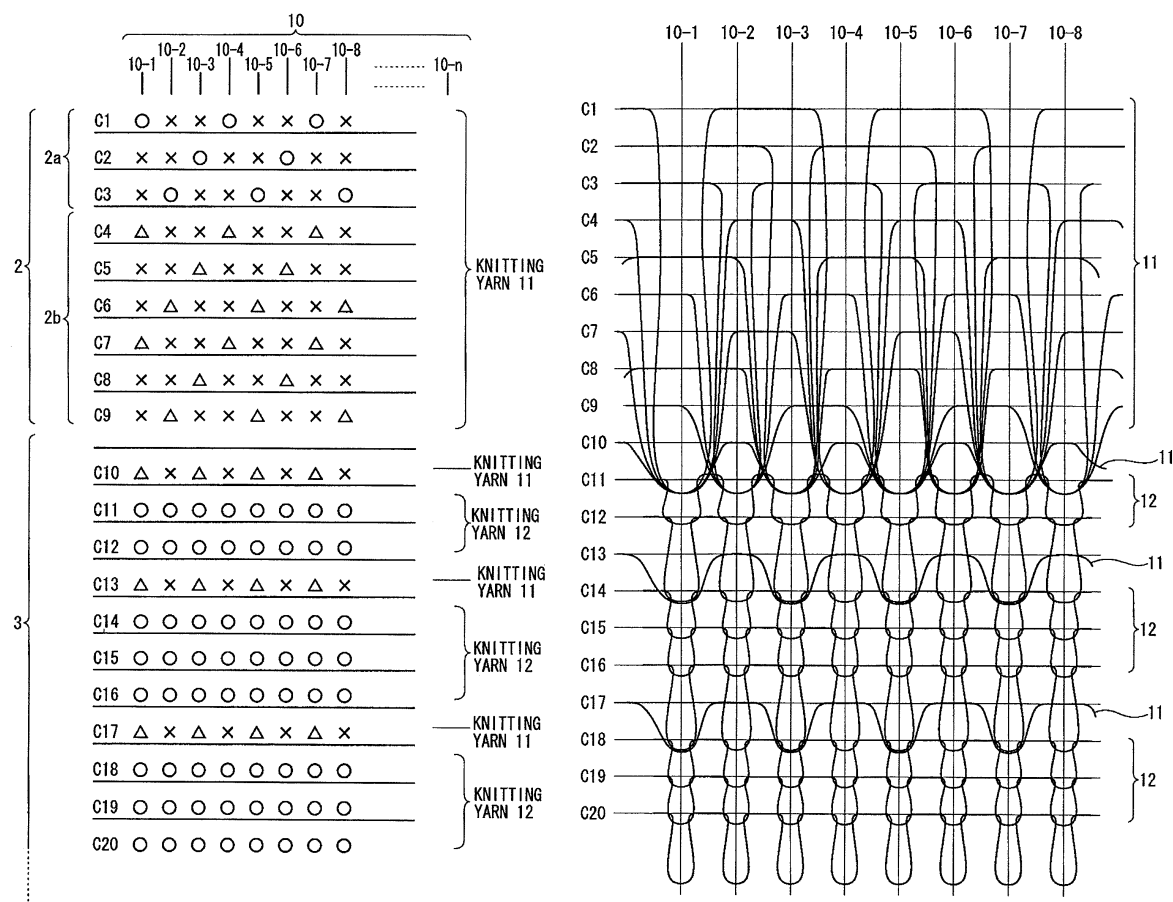
Publication numbers	Title	Current assignees
EP1956125 A1	Terminal knitting texture and clothing provided with this terminal knitting texture	GUNZE
EP2961873 A1	Method of knitting a knitted component with an integral knit tongue	NIKE, ...
EP2956025 A1	Method for limiting elasticity of selected regions in knitted fabrics	HEALTHWATCH
EP1386989 A1	Knitting method using flat knitting machine and knitting program	SHIMA SEIKI MANUFACTURING
EP2982786 A1	Method for forming knitted fabric, and knitted fabric	SHIMA SEIKI MANUFACTURING
EP1641971 A1	Method for manufacturing knitted articles for forming items of clothing, such as body suits, sleeveless tops, undershirts, bras, underpants or the like, without lateral seams, with a circular knitting machine	SANTONI
EP1541732 A1	Knitting method for tubular knit fabric	SHIMA SEIKI MANUFACTURING
EP2331735 A1	Method for the production of a contoured article with hemmed flaps of knitting, on a circular knitting machine for knitwear , hosiery or the like	SANTONI
EP1656475 A2	Method for manufacturing knitted articles with a circular knitting machine for forming items of clothing without lateral seams	SANTONI
EP1141458 A1	Method and apparatus for manufacturing three-dimensional knitwear and hosiery items and products obtained thereby	FRANCO SCIACCA, ...

Family 1/10 - FAMPAT - ©Questel

Title

(EP1956125)

Terminal knitting texture and clothing provided with this terminal knitting texture

Images**Publication data including kind & date**

EP1956125	A1	2008-08-13	EP1956125
EP1956125	A4	2014-11-05	EP1956125
WO2007/055128	A1	2007-05-18	WO200755128
US20090044572	A1	2009-02-19	US20090044572
US7634923	B2	2009-12-22	US7634923
JP2007131976	A	2007-05-31	JP2007131976
JP4943693	B2	2012-03-09	JP4943693
TW200721994	A	2007-06-16	TW200721994
TWI375527	B	2012-11-01	TWI375527
KR20080067664	A	2008-07-21	KR20080067664
KR101213854	B1	2012-12-18	KR101213854
CN101351586	A	2009-01-21	CN101351586
CN101351586	B	2012-02-29	CN101351586B
HK1122846	A1	2012-08-10	HK1122846

**Abstract**

(EP1956125)

A terminal knitting texture for a single welt consisting of a single **knit** that starts knitting on a terminal side, wherein a plurality of courses in an antirun area at **knit** starting are **knit** without being **knit** at all the wales, and are **knit** by using first-kind knitting yarns consisting of single covering yarns provided with thick elastic core yarns in the antirun area so as to provide knitting not causing outward curls with the first-kind knitting yarns in the antirun area. In a welt knitting area

continuous to the antirun area, a course knitted with the first-kind yarns is combined with a course knitted with knitting yarns lower in stretching/shrinking force than the first-kind yarn.

Inventors

FUJITA MITSUNORI

HARA YOSHIHIDE

Latest standardized assignees - inventors removed

GUNZE

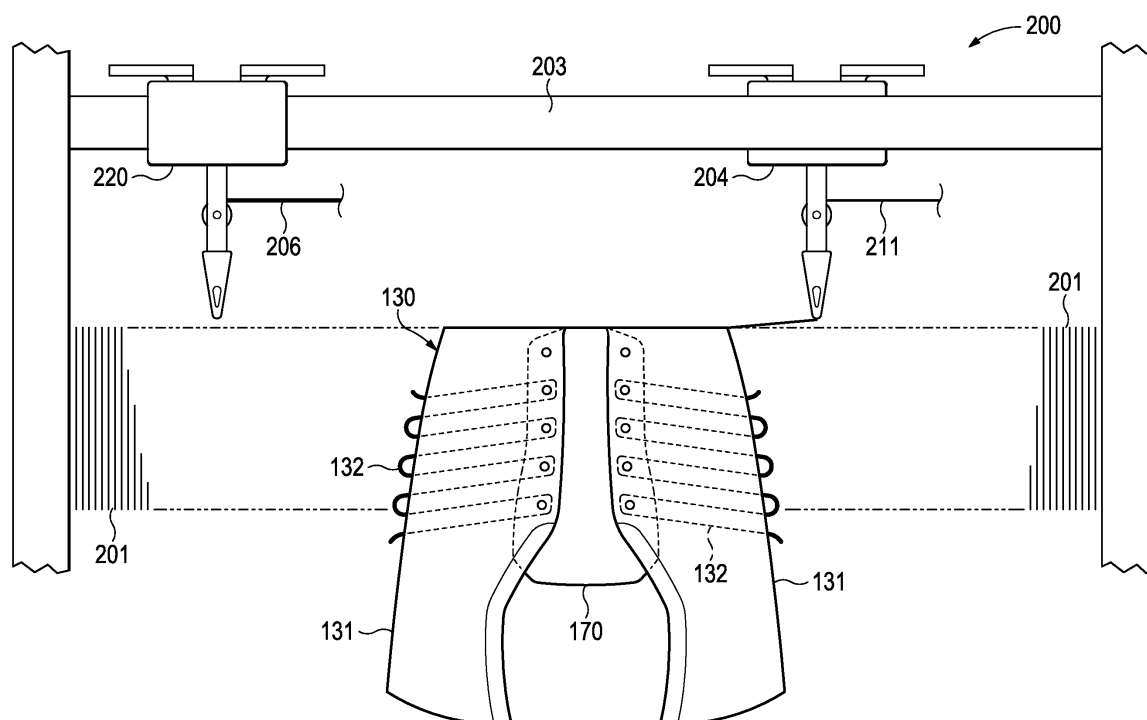
Family 2/10 - FAMPAT - ©Questel

Title

(EP2961873)

Method of knitting a knitted component with an integral knit tongue

Images



Publication data including kind & date

EP2961873	A1	2016-01-06	EP2961873
EP3031966	A1	2016-06-15	EP3031966
EP2817442	A2	2014-12-31	EP2817442
EP2817442	B1	2016-02-17	EP2817442
WO2013/126313	A2	2013-08-29	WO2013126313
WO2013/126313	A3	2013-12-19	WO2013126313
WO2014/134247	A1	2014-09-04	WO2014134247
US20170000216	A1	2017-01-05	US20170000216
US8448474	B1	2013-05-28	US8448474
US20130212907	A1	2013-08-22	US20130212907
US8621891	B2	2014-01-07	US8621891
US20130239625	A1	2013-09-19	US20130239625
US9060562	B2	2015-06-23	US9060562
US20140144190	A1	2014-05-29	US20140144190
US9474320	B2	2016-10-25	US9474320
US20140150296	A1	2014-06-05	US20140150296



US9445640	B2	2016-09-20	US9445640				
US20140245545	A1	2014-09-04	US20140245545				
US9032763	B2	2015-05-19	US9032763				
US20150216257	A1	2015-08-06	US20150216257				
US9420844	B2	2016-08-23	US9420844				
JP2015513414	A	2015-05-14	JP2015513414				
JP6122878	B2	2017-04-26	JP6122878				
JP2016516454	A	2016-06-09	JP2016516454				
JP6443993	B2	2018-12-26	JP6443993				
JP2017124228	A	2017-07-20	JP2017124228				
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BR112014020456	A2	2017-06-20	BR112014020456				
BR112014020456	A8	2017-07-18	BR112014020456				
AR094973	A1	2015-09-09	AR--94973				
BR112015020813	A1	2015-12-15	BR112015020813				
BR112015020813	A2	2017-07-18	BR112015020813				
VN45454	A	2016-01-25	VN--45454				
IN5211/CHENP/2015	A	2016-07-01	IN2015CN05211				
IN6856/CHENP/2014	A	2016-07-01	IN2014CN06856				
TW201402030	A	2014-01-16	TW201402030				
TWI478674	B	2015-04-01	TWI478674				
TW201439392	A	2014-10-16	TW201439392				
TWI542749	B	2016-07-21	TWI542749				
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CN104246040	A	2014-12-24	CN104246040				
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VN41032	A	2015-02-25	VN--41032				
VN0021343	B	2019-07-25	VN--21343B				
TW201514354	A	2015-04-16	TW201514354				
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HK1200507	A1	2015-08-07	HK1200507				
KR20150121175	A	2015-10-28	KR20150121175				
KR101861419	B1	2018-05-28	KR101861419				
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KR101691779	B1	2016-12-30	KR101691779				
CN105768363	A	2016-07-20	CN105768363				
CN105768363	B	2018-03-27	CN105768363B				
HK1215458	A1	2016-08-26	HK1215458				
TW201818846	A	2018-06-01	TW201818846				
TWI650087	B	2019-02-11	TWI650087				

Abstract

(EP2961873)

Methods of manufacturing a knitted component for an article of footwear that include knitting an upper with an integral **knit** tongue during a knitting process on a knitting machine are described. The knitting process forms the integral **knit** tongue of unitary **knit** construction with the upper so that the integral **knit** tongue extends through a throat area of the knitted component. The integral **knit** tongue can include raised elements formed of unitary **knit** construction with the tongue.

Inventors

MEIR ADRIAN

PODHAJNY DANIEL A

TATLER DAREN P

Latest standardized assignees - inventors removed

NIKE

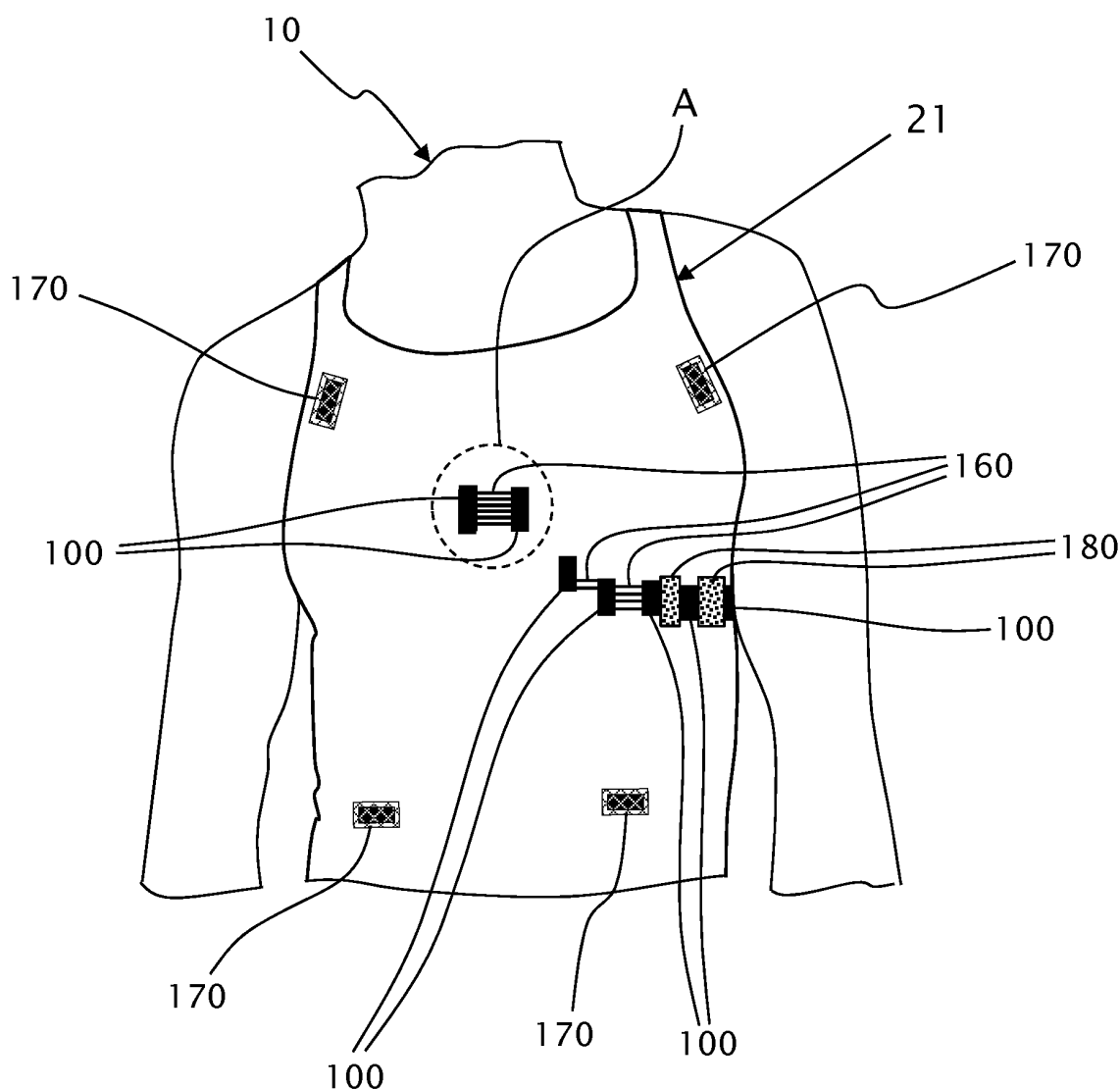
FABDESIGNS

Family 3/10 - FAMPAT - ©Questel

Title

(EP2956025)

Method for limiting elasticity of selected regions in knitted fabrics

Images**Publication data including kind & date**

EP2956025	A1	2015-12-23	EP2956025
EP2956025	A4	2016-09-28	EP2956025
WO2014/125476	A4	2014-09-18	WO2014125476



WO2014/125476	A1	2014-08-21	WO2014125476				
US20160002834	A1	2016-01-07	US20160002834				
US9416470	B2	2016-08-16	US9416470				
US20160310076	A1	2016-10-27	US20160310076				
US9598799	B2	2017-03-21	US9598799				
JP2018076634	A	2018-05-17	JP2018076634				
JP2016513188	A	2016-05-12	JP2016513188				
JP6250070	B2	2017-12-20	JP6250070				
RU2584662	C1	2016-05-20	RU2584662				
SG11201501806P	A	2015-04-29	SG11201501806P				
BR112015019054	A1	2015-08-18	BR112015019054				
BR112015019054	A2	2017-07-18	BR112015019054				
IN2539DEN2015	A	2015-09-11	IN2015DN02539				
CA2885338	A1	2014-08-21	CA2885338				
CA2885338	C	2017-09-12	CA2885338				
AU2014217484	A1	2015-09-24	AU2014217484				
IL240307	A	2015-09-24	IL-240307				
AU2014217484	B2	2016-03-03	AU2014217484				
IL240307	B	2015-10-29	IL-240307				
KR20150118082	A	2015-10-21	KR20150118082				
KR101808929	B1	2017-12-13	KR101808929				
CN105007769	A	2015-10-28	CN105007769				
CN105007769	B	2017-03-08	CN105007769B				
HK1211808	A1	2016-06-03	HK1211808				
ZA201506625	B	2017-05-31	ZA201506625				

Abstract

(EP2956025)

A method for substantially reducing the elasticity of at least one selected textile region of a garment. The method includes producing the garment including a conductive textile electrode and rigidifying the at least one selected textile region. The rigidifying process includes **applying** rigidifying matter onto or into the at least one selected textile region. The at least one selected textile region is selected from the group consisting of a conductive textile electrode and a region of the garment situated between two adjacent textile electrodes. The invention further provides a garment having a tubular form, knitted by a seamless knitting machine with base-yarns. The garment includes at least one conductive textile electrode, composed of multiple knitted line segments, each knitted with a conductive yarn and a spandex yarn, wherein the spandex yarn and at least one base-yarn are knitted continuously.

Inventors

SHOSHANI BOAZ

AMIR URI

Latest standardized assignees - inventors removed

HEALTHWATCH

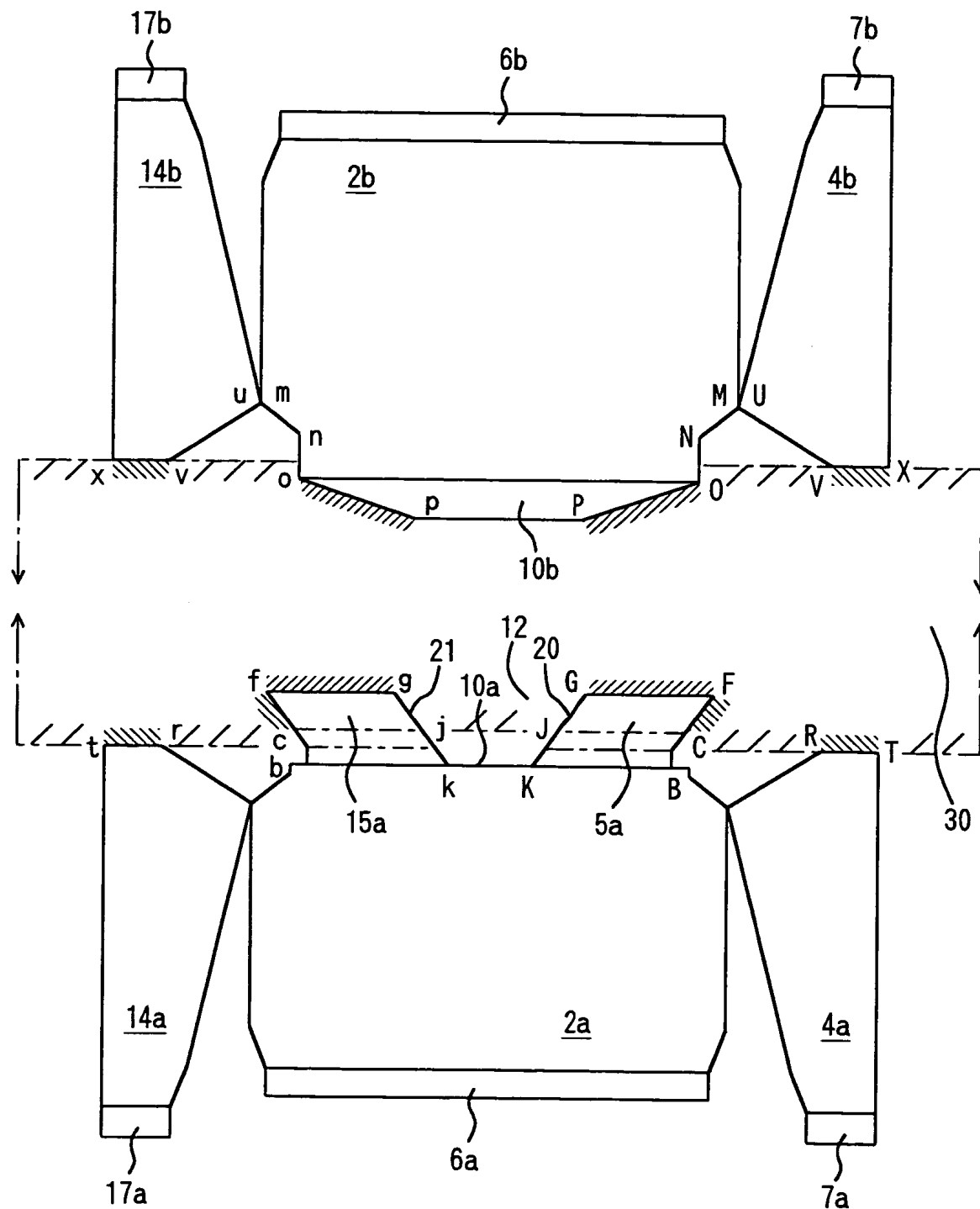
Family 4/10 - FAMPAT - ©Questel

Title

(EP1386989)

Knitting method using flat knitting machine and knitting program

Images



Publication data including kind & date

EP1386989	A1	2004-02-04	EP1386989
EP1386989	A4	2008-04-30	EP1386989
EP1386989	B1	2010-09-01	EP1386989
WO02/092895	A1	2002-11-21	WO200292895
US20040154338	A1	2004-08-12	US20040154338
US6988384	B2	2006-01-24	US6988384
DE60237516	D1	2010-10-14	DE60237516
JPWO2002092895	A1	2002-11-21	JP2002092895W
JP4040981	B2	2007-11-16	JP4040981
KR20040012775	A	2004-02-11	KR20040012775
KR100869994	B1	2008-11-24	KR100869994



[CN1514896](#)

A 2004-07-21 CN1514896

[CN100473767](#)

C 2009-04-01 CN100473767C

**Abstract**

(EP1386989)

In knitting a neck hole, a left front body is knitted on a front needle bed while making widening stitches, and stitches of the neck hole and a right front body both being in halt are transferred onto a back needle bed, and with widening stitch, the back needle bed is racked in a direction moving away from the left front body. After knitting the neck hole of the left front body, the left front body and the neck hole are transferred onto the back needle bed, and the right front body is transferred back to the front needle bed, and the right front body is knitted while making widening stitches. With the widening stitch of the right front body, the back needle bed is racked in a direction moving away from the right front body. <??>In knitting the neck hole (12), wales extending from a take down roller to the knitting point are brought close to the perpendicular direction so that an appropriate take down force is **applied** to the stitches being knitted. As a result, a deep neck hole can be knitted under good knitting conditions.

Inventors

OKAMOTO KAZUYOSHI

Latest standardized assignees - inventors removed

SHIMA SEIKI MANUFACTURING

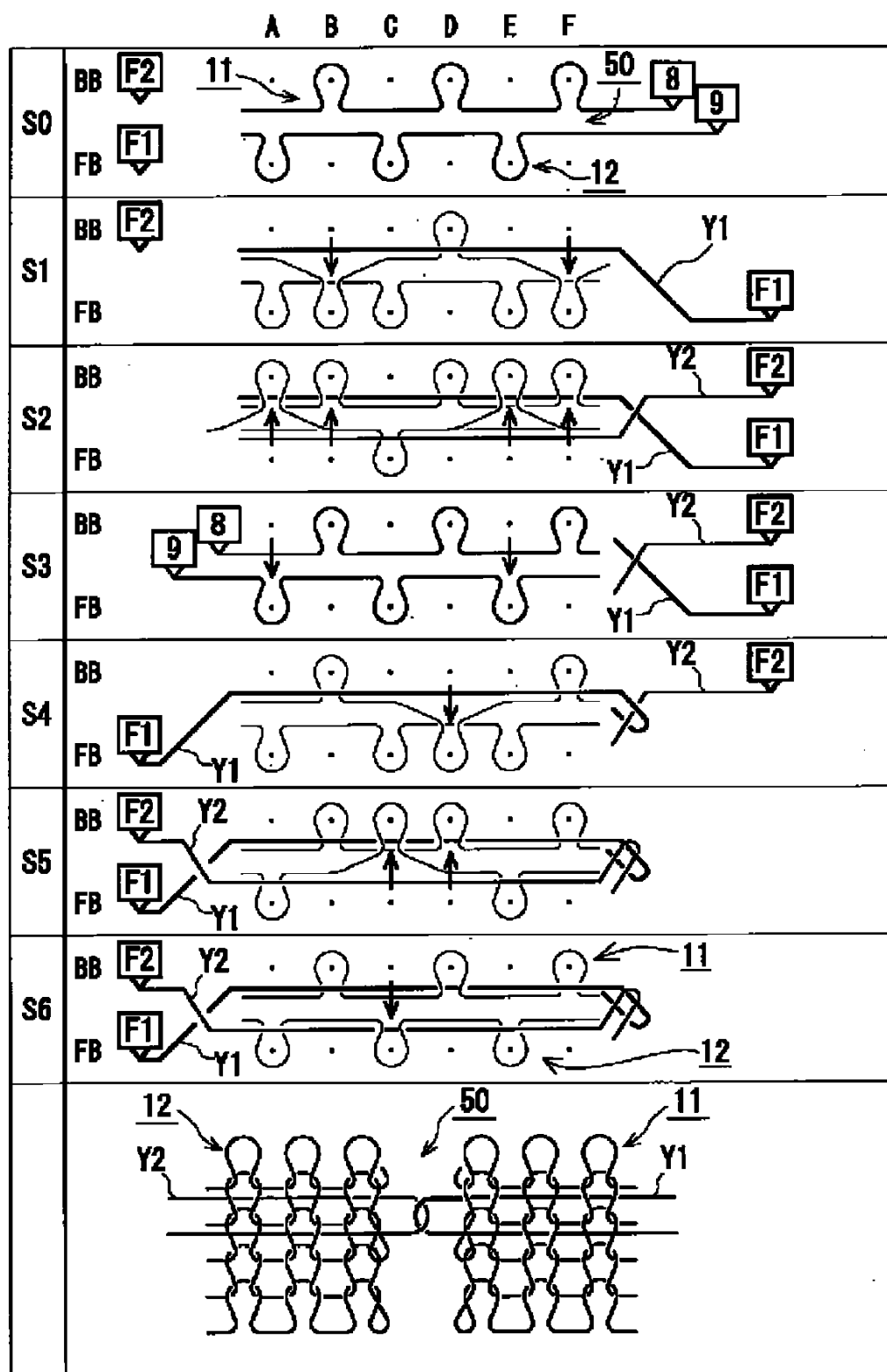
Family 5/10 - FAMPAT - ©Questel

Title

(EP2982786)

Method for forming knitted fabric, and knitted fabric

Images



Publication data including kind & date

EP2982786	A1	2016-02-10	EP2982786
EP2982786	A4	2016-11-02	EP2982786
EP2982786	B1	2017-12-13	EP2982786
WO2014/163008	A1	2014-10-09	WO2014163008
US20160053415	A1	2016-02-25	US20160053415
US9441315	B2	2016-09-13	US9441315
JPWO2014163008	A1	2014-10-09	JP2014163008W
JP5877535	B2	2016-02-05	JP5877535



BR112015024602	A1	2015-12-08	BR112015024602				
BR112015024602	A2	2017-07-18	BR112015024602				
VN45951	A	2016-02-25	VN--45951				
TW201439393	A	2014-10-16	TW201439393				
TWI585255	B	2017-06-01	TWI585255				
KR20150133845	A	2015-11-30	KR20150133845				
KR101735352	B1	2017-05-15	KR101735352				
CN105121724	A	2015-12-02	CN105121724				
CN105121724	B	2017-04-12	CN105121724B				

Abstract

(EP2982786)

There is provided a knitted fabric in which a spacing of an open portion can be adjusted as necessary, and a method for knitting the same. An inlay knitting of interweaving a first line (Y1) supplied from a far side line feeder (F1) into a first knitted fabric portion (11) is carried out (process $\pm$). An inlay knitting of interweaving a second line (Y2) supplied from a near side line feeder (F2) into a second knitted fabric portion (12) is carried out, and the second line (Y2) is made intersect the first line (Y1) on the open portion (50) side (process $\pm$). An inlay knitting of interweaving the first line (Y1) into the first knitted fabric portion (11) is carried out, and a state in which the first line (Y1) is entwined around the second line (Y2) and turned back is obtained (process $\pm$). An inlay knitting of interweaving the second line (Y2) into the second knitted fabric portion (12) is carried out, and a turn-back end of the first line (Y1) and a turn-back end of the second line (Y2) are entwined (process $\pm$).

Inventors

IKENAKA MASAMITSU

KIYOHARA CHIHARU

Latest standardized assignees - inventors removed

SHIMA SEIKI MANUFACTURING

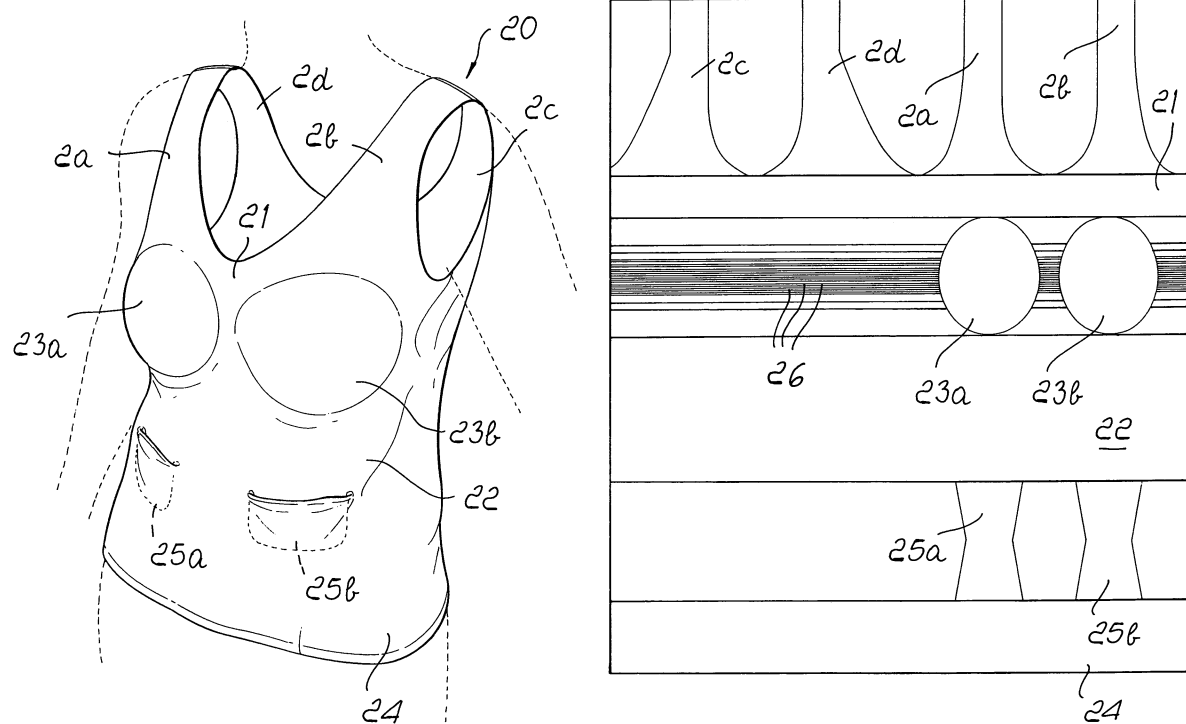
Family 6/10 - FAMPAT - ©Questel

Title

(EP1641971)

Method for manufacturing knitted articles for forming items of clothing, such as body suits, sleeveless tops, undershirts, bras, underpants or the like, without lateral seams, with a circular knitting machine

Images



Publication data including kind & date

EP1641971	A1	2006-04-05	EP1641971
WO2005/010259	A1	2005-02-03	WO200510259
US20080115538	A1	2008-05-22	US20080115538
US7458237	B2	2008-12-02	US7458237
JP2008530374	A	2008-08-07	JP2008530374
ITMI20031369	A1	2005-01-04	IT2003MI1369
ITMI20031369	D0	2003-07-03	IT2003MI1369
TW200505367	A	2005-02-16	TW200505367
KR20060028481	A	2006-03-29	KR20060028481
VN12728	A	2006-07-25	VN--12728
BRPI0412044	A	2006-08-15	BR200412044
BRPI0412044	A1	2006-08-15	BRPI0412044
BRPI0412044	A2	2012-05-22	BR200412044
CN1816657	A	2006-08-09	CN1816657
CN100519865	C	2009-07-29	CN100519865C
IN239051	B	2010-03-05	IN-239051



Abstract

(EP1641971)

A method for manufacturing knitted articles for forming items of clothing, such as body suits, sleeveless tops, undershirts, bras, underpants or the like, without lateral seams, with a circular knitting machine, comprising a step for forming at least one pouch-like region (13a,13b,23a,23b,25a,25b), in which part of the needles or all the needles that belong to at least one sector of the needle cylinder are moved to **knit** at at least one feed of the machine by actuating the needle cylinder of the machine with an alternating rotary motion about its axis and with an extent of oscillation that is sufficient to produce the transit, at the feed, of all the needles of the sector that are moved so as to **knit** at the feed, in order to form, with the needles that belong to the sector and are moved so as to **knit**, a number of rows of knitting in excess with respect to the number of rows of knitting formed by the needles that are contiguous to the sector.

Inventors

LONATI ETTORE

LONATI FAUSTO

US7047768	B2	2006-05-23	US7047768
JPWO2004020718	A1	2004-03-11	JP2004020718W
JP4215719	B2	2008-11-14	JP4215719
AU2003261737	A1	2004-03-19	AU2003261737
KR20050061461	A	2005-06-22	KR20050061461
CN1678780	A	2005-10-05	CN1678780
CN100420780	C	2008-09-24	CN100420780C



Abstract

(EP1541732)

A knitting method of a tubular **knit** fabric uses a flat-knitting machine comprising at least one pair of facing needle beds that extend in the sideways direction and face each other front to back, wherein at least one of the facing needle beds is capable of racking in the sideways direction, and the flat-knitting machine is capable of transferring stitches between facing needle beds; wherein the tubular portion with directionality toward another tubular portion is turned by a predetermined amount by transferring of stitches of the tubular portion with directionality and by racking of the needle bed, and knitting is performed so as to link the tubular portion with directionality to the another tubular portion in a state wherein the state of being turned is sustained.

Inventors

MIYAI TAKUYA

Latest standardized assignees - inventors removed

SHIMA SEIKI MANUFACTURING

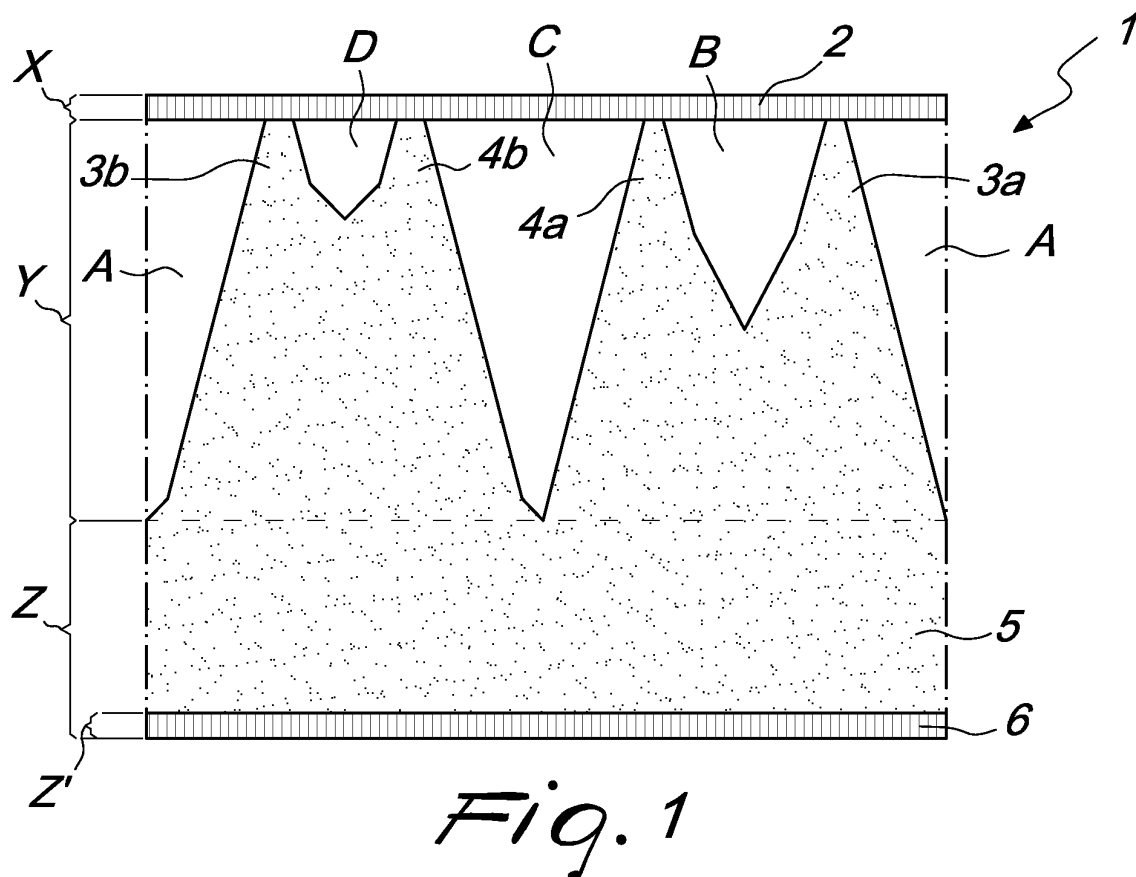
Family 8/10 - FAMPAT - ©Questel

Title

(EP2331735)

Method for the production of a contoured article with hemmed flaps of knitting, on a circular knitting machine for **knitwear**, hosiery or the like

Images



Publication data including kind & date

EP1656475	A2	2006-05-17	EP1656475				
WO2005/003420	A2	2005-01-13	WO200503420				
WO2005/003420	A3	2005-03-31	WO200503420				
US20070095109	A1	2007-05-03	US20070095109				
US7328595	B2	2008-02-12	US7328595				
JP2008530375	A	2008-08-07	JP2008530375				
ITMI20031368	A1	2005-01-04	IT2003MI1368				
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BRPI0412048	A1	2006-08-15	BRPI0412048				
BRPI0412048	A2	2012-05-22	BR200412048				
IN2532/KOLNP/2005	A	2006-10-13	IN2005KN02532				

Abstract

(EP1656475)

A method for manufacturing knitted articles for forming items of clothing, such as body suits, sleeveless tops, undershirts, bras, underpants or the like, without lateral seams, with a circular knitting machine, that comprises at least one step for forming tabs (1a,1b,1c,1d,2a,2b,2c,2d,3a,3b), in which exclusively all or some of the needles that belong to at least one sector of the needle cylinder are moved so as to **knit** at at least one feed or drop of the machine, and the needle cylinder of the machine is actuated with an alternating rotary motion about its own axis, with an extent of oscillation that is sufficient to produce the transit, at the at least one cited feed, of all the needles of the at least one sector that are moved to **knit** at that feed, in order to make these needles form a preset number of rows of knitting.

Inventors

LONATI ETTORE

LONATI FAUSTO

LONATI TIBERIO

Latest standardized assignees - inventors removed

SANTONI

Family 10/10 - FAMPAT - ©Questel

Title

(EP1141458)

Method and apparatus for manufacturing three-dimensional **knitwear** and hosiery items and products obtained thereby

Images

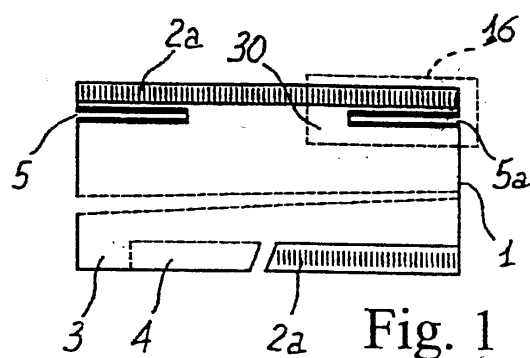


Fig. 1

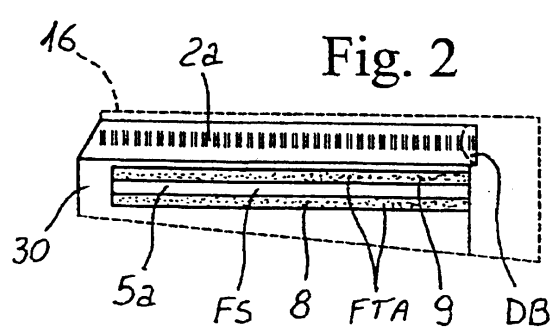


Fig. 2

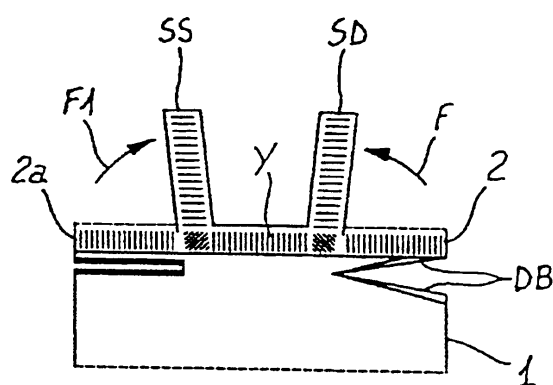


Fig. 3

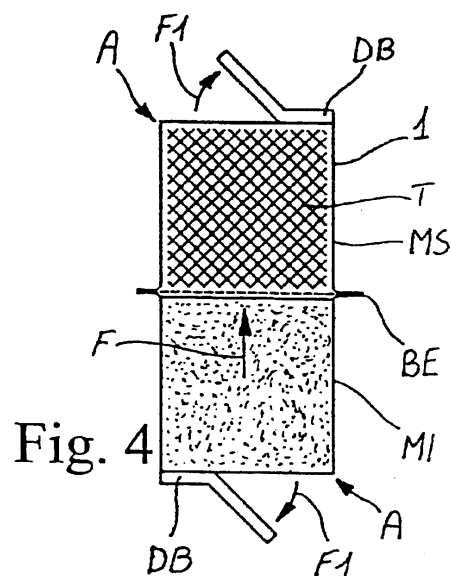


Fig. 4

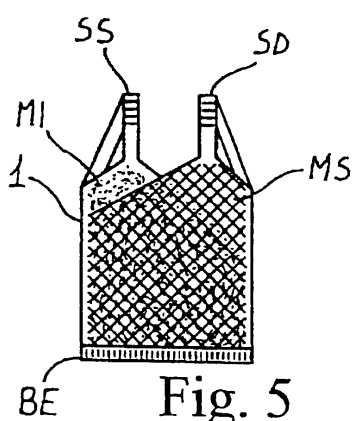


Fig. 5

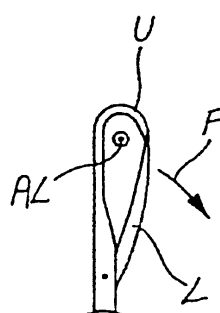


Fig. 6

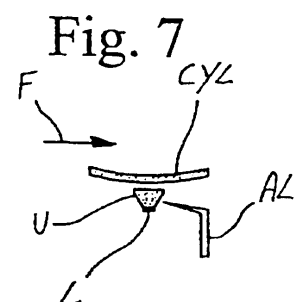


Fig. 7

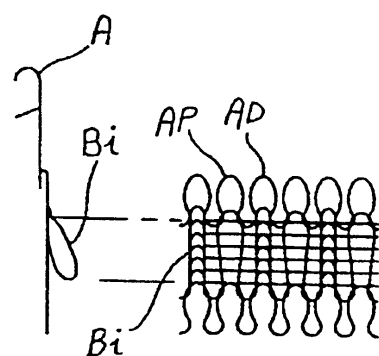


Fig. 8a

Fig. 8

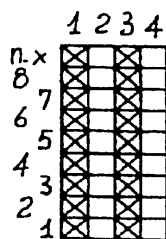


Fig. 9

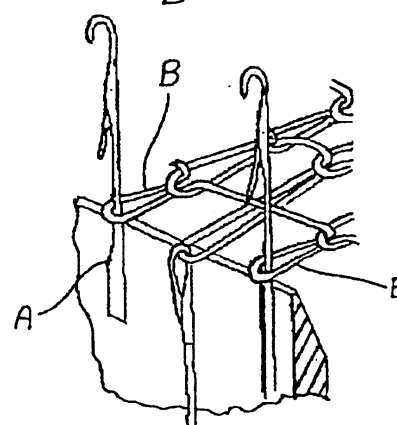


Fig. 10

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US6705128	B1	2004-03-16	US6705128				
DE60019263	D1	2005-05-12	DE60019263				
JP2003515001	A	2003-04-22	JP2003515001				
ITCO990031	A1	2001-05-15	IT99CO0031				
ITCO990031	D0	1999-11-15	IT99CO0031				
AU1885301	A	2001-05-30	AU200118853				
KR20010101471	A	2001-11-14	KR20010101471				
CN1336971	A	2002-02-20	CN1336971				
CN1316087	C	2007-05-16	CN1316087C				
AT292703	T	2005-04-15	ATE292703				

Abstract

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The invention relates to a method and apparatus for manufacturing three-dimensional tubular **knitwear** items, preferably provided with shoulder straps, neck portion and/or various openings for feet, legs or arms, manufactured without the usual expensive fabric scraps deriving from the **cutting/sewing** operations. By means of a suitable selection of needles, or thanks to a particular yarn which melts completely during finishing, according to the jacquard design or to the work cycle of the textile machine, the present invention enables the **separation** and/or the automatic programmed resumption of knitted courses according to specific zones or areas, thus obtaining at least one opening (5, 5A) or shoulder strap, provided with a single or double welt. The hosiery items are automatically closed on their ends, corresponding to the foot heel or toe, and provided with at least one opening with single or double welt.

Inventors

SCIACCA FRANCO