

Base : FAMPAT

SEARCH STRATEGY

SS Results

63	24	62 AND PD<20150206
62	37	60 AND 61
61	28921535	(CUT+ OR CHOP+ OR HACK+ OR SLIC+ OR SEPARAT+ OR DIVID+)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
60	37	58 AND 59
59	283208	(ADHESIVE 1W MATERIAL)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
58	371	57 AND (APPL+ OR (PUT 1W ON))/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
57	389	56 AND (PULL+ OR TUG OR STRETCH)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX
56	503	50 AND 55
55	8112	..SIMILARITY SS 54 RANKED 1
54	2	(53 AND (MANUFACT+ 2W TUBULAR))/TI/AB/IW/OBJ/ADB/ICLM
53	662	((JOIN OR ASSEMBLE OR (PUT 1W TOGETHER) OR GATHER)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (KNITTED FABRIC)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (PULL+ OR TUG OR STRETCH)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (APPL+ OR (PUT 1W ON))/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (ADHESIVE 1W MATERIAL)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (CUT+ OR CHOP+ OR HACK+ OR SLIC+ OR SEPARAT+ OR DIVID+)/TI/AB/IW/OBJ/ADB/ICLM)
52	1251	((JOIN OR ASSEMBLE OR (PUT 1W TOGETHER) OR GATHER)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (KNITTED FABRIC)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (PULL+ OR TUG OR STRETCH)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (APPL+ OR (PUT 1W ON))/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (ADHESIVE 1W MATERIAL)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX)
51	1525	((JOIN OR ASSEMBLE OR (PUT 1W TOGETHER) OR GATHER)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (KNITTED FABRIC)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (PULL+ OR TUG OR STRETCH)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (APPL+ OR (PUT 1W ON))/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (ADHESIVE 1D MATERIAL)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX)
50	13488	((JOIN OR ASSEMBLE OR (PUT 1W TOGETHER) OR GATHER)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (KNITTED FABRIC)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX)

6 Documents

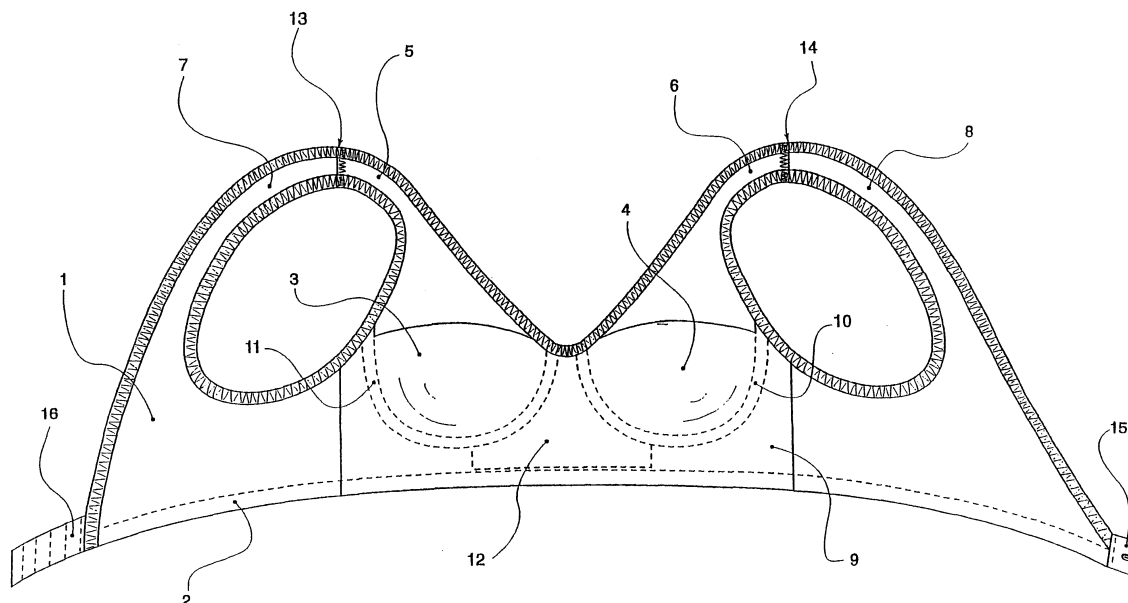
Publication numbers	Title	Current assignees
WO200193708 A1	Lingerie articles produced from cylindrical knitting comprising retaining characteristics	HBI BRANDED APPAREL ENTERPRISES, ...
US20090089911 A1	Comfortable protective garments	W L GORE & ASSOCIATES
WO200041523 A2	Method for manufacturing a nonwoven fabric	HUNTER DOUGLAS
US20050145150 A1	Process for making a garment having hanging legs	KIMBERLY CLARK
US20040014394 A1	Hidden band brasserie, blank and methods of making same	HBI BRANDED APPAREL ENTPR
US20050241748 A1	Process for making a garment including an absorbent assembly	KIMBERLY CLARK

Family 1/6 - FAMPAT - ©Questel

Title

(EP1286603)

Lingerie articles produced from cylindrical knitting comprising retaining characteristics

Images**Publication data including kind & date**

WO200193708	A1	2001-12-13	WO200193708
CA2380944	A1	2001-12-13	CA2380944
FR2809932	A1	2001-12-14	FR2809932
AU7416301	A	2001-12-17	AU200174163
NO20020613	D0	2002-02-07	NO200200613
NO20020613	A	2002-04-09	NO200200613
KR20020027510	A	2002-04-13	KR20020027510
BR0106716	A	2002-04-16	BR200106716
BRPI0106716	A1	2002-04-16	BRPI0106716
MA25491	A1	2002-07-01	MA--25491
SK2602002	A3	2002-08-06	SK200200260
IL147934	A	2002-08-14	IL-147934
VN7117	A	2002-08-26	VN--7117
FR2809932	B1	2002-09-27	FR2809932
US20020155786	A1	2002-10-24	US20020155786
CZ20020610	A3	2002-11-13	CZ200200610
CN1383359	A	2002-12-04	CN1383359
EP1286603	A1	2003-03-05	EP1286603
US6550286	B2	2003-04-22	US6550286
ZA200201445	B	2003-05-20	ZA200201445
PL352156	A1	2003-07-28	PL2001352156
NZ517083	A	2003-08-29	NZ-517083
AU767025	B2	2003-10-30	AU-767025
JP2003535235	A	2003-11-25	JP2003535235
RU2221466	C2	2004-01-20	RU2221466
KR100451100	B1	2004-10-13	KR100451100
NO317916			



	B1	2005-01-03	NO-317916				
CN1195427	C	2005-04-06	CN1195427C				
EP1286603	B1	2005-08-17	EP1286603				
AT301941	T	2005-09-15	ATE301941				
HK1050985	A1	2005-09-16	HK1050985				
DE60112745	D1	2005-09-22	DE60112745				
CA2380944	C	2006-01-10	CA2380944				
ES2247125	T3	2006-03-01	ES2247125				
IN0239/KOLNP/2002	A	2006-03-17	IN2002KN00239				
DE60112745	T2	2006-06-29	DE60112745				
IN210370	B	2007-10-05	IN-210370				
HU0202750	A2	2008-01-28	HU200202750				
BRPI0106716	A2	2009-04-07	BR200106716				
MXPA02001432	A	2010-06-02	MX2002PA001432				

Abstract

(EP1286603)

The invention concerns lingerie articles comprising at least a moulded region to create a retaining and supporting volume of at least a curved part of the human body, made from a tubular **knitted fabric** (1) formed with a first extensible and thermoformable material, provided with a ribbing (2) which forms one of the edges of said article elastically enclosing the body, the final shape of the article being produced by cuts performed in the tubular **knitted fabric** from the free end opposite the ribbing. The invention is characterised in that each moulded volume region is lined by internal bonding of at least a lining (9) consisting of a second extensible heat-activated material whereof one surface is coated with an **adhesive** material capable of being heat-activated, the materials of the **knitted fabric** and of the lining having either thermoformed or elastic percent elongation, and the **adhesive** having an activating temperature such that they enable deformation induced by hot moulding of the moulded regions to provide them with volume without affecting the heat-bonded linkage, said first (1) and second (9) materials preserving their supporting and retaining capacity after moulding.

Inventors

QUERQUANT PIERRE-JEAN

Latest standardized assignees - inventors removed

HBI BRANDED APPAREL ENTERPRISES

IT S GREEK TO ME

MAIDENFORM

IPC - International classification

A41B-009/00; A41B-017/00; A41C-001/00; A41C-003/00; A41C-003/10; A41C-003/12; A41C-005/00; D04B-001/24

Citing patents - Standardized publication number

CN103126091

CN103141958

EP1465506

GB200318900;GB2391793

GB201214221;GB2501558

US20100154483

US20100218298

US20130296920

US20180070653

US20030186618;US6824445

US8113908

WO200618015

US20020106970;US6837771

US20040224605;US6863589

US7318240

US20050079795;US7662019

US20070094765;US8185970

US20160374406;US9681692

US20150093537;US9828723

US20140068836;US8984668

CZ201500547;CZ-306381

CN101836767

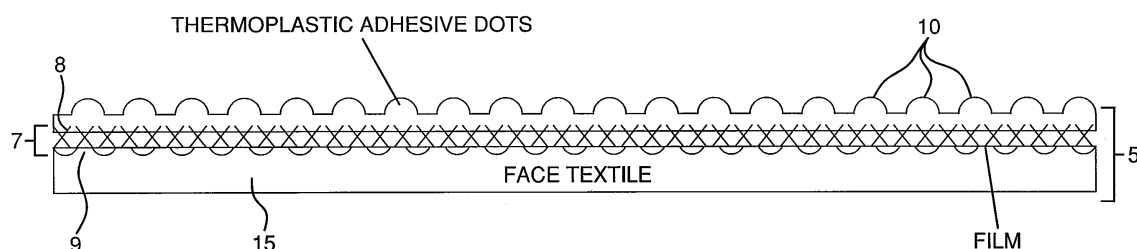
CN101967722;CN101967722B

Family 2/6 - FAMPAT - ©Questel

Title

(EP2200462)

Comfortable protective garments

Images**Publication data including kind & date**

US20090089911	A1	2009-04-09	US20090089911
WO2009048504	A2	2009-04-16	WO200948504
CA2701064	A1	2009-04-16	CA2701064
WO2009048504	A3	2010-02-25	WO200948504
EP2200462	A2	2010-06-30	EP2200462
KR20100085963	A	2010-07-29	KR20100085963
CN101815447	A	2010-08-25	CN101815447
JP2010540793	A	2010-12-24	JP2010540793
CA2701064	C	2013-06-18	CA2701064
US20130340916	A1	2013-12-26	US20130340916

**Abstract**

(EP2200462)

Garment constructs and garments prepared therefrom having a functional layer (7) and an inner layer (20) of a plurality of textiles, at least two of which are dissimilar textiles, adhered to the functional layer are provided.

Inventors

SMITH TIMOTHY J

Latest standardized assignees - inventors removed

W L GORE & ASSOCIATES

IPC - International classification

A41D-013/00; A41D-027/00; A41D-027/20; A41D-031/00; A41D-031/02; A41H-043/00; A41H-043/04; A41H-043/04

Citing patents - Standardized publication number

US20130177731

US20170105467

US20130276201;US9392825

US20160333504;US9551093

US20150099099;US9586435

US9717289

US20170099898;US10111480

US20170088982;US9982370

WO2017136621

CN105544060

Family 3/6 - FAMPAT - ©Questel

Title

(EP1600544)

Method for manufacturing a nonwoven fabric

Images

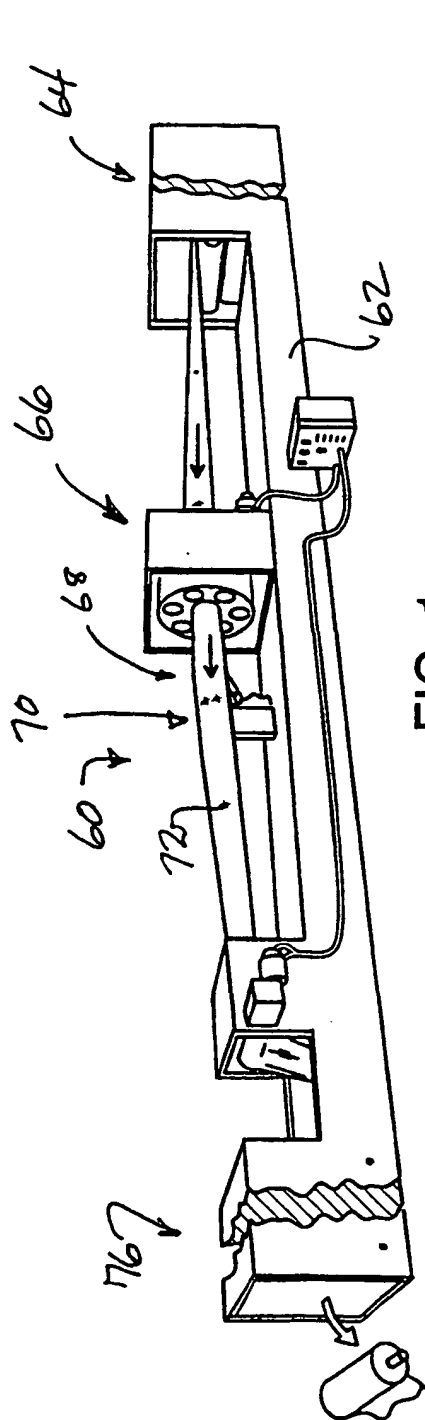


FIG. 1

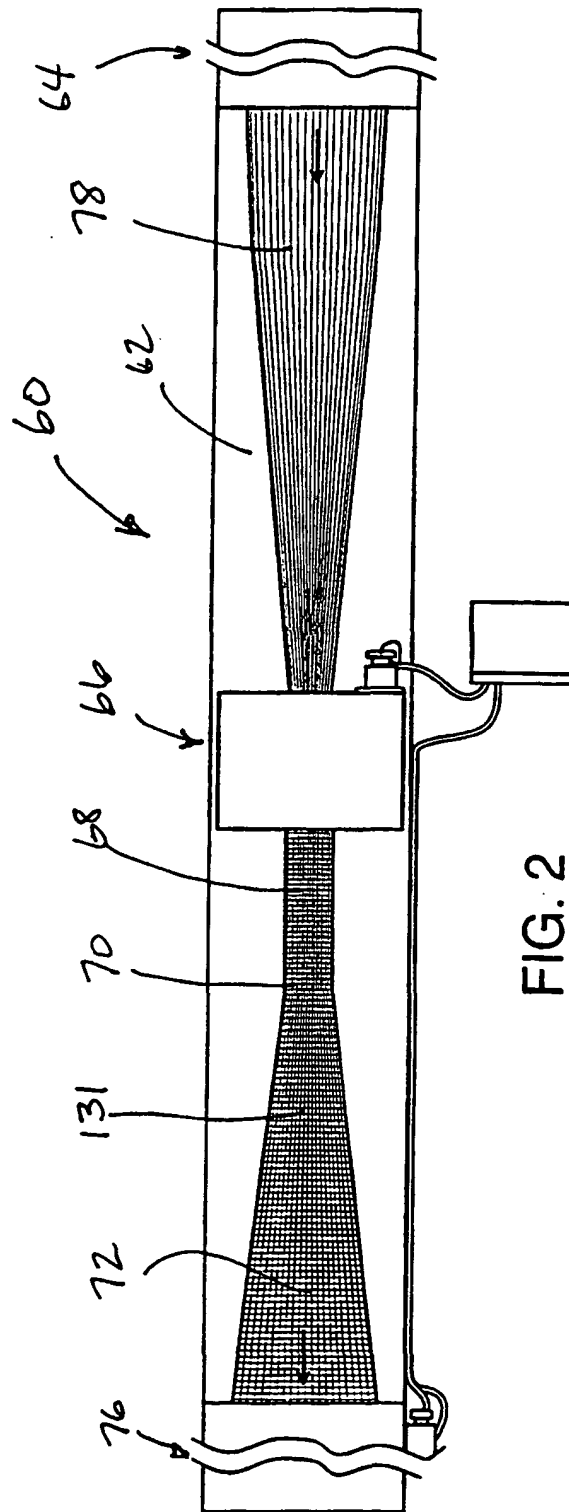


FIG. 2

Publication data including kind & date

WO200041523	A2	2000-07-20	WO200041523
CA2355710	A1	2000-07-20	CA2355710
AU3692500	A	2000-08-01	AU200036925
WO200041523	A3	2000-12-14	WO200041523
KR20010101469	A	2001-11-14	KR20010101469
BR0007494	A	2001-11-20	BR200007494
BRPI0007494	A1	2001-11-20	BRPI0007494
EP1155177	A2	2001-11-21	EP1155177
CN1343274	A	2002-04-03	CN1343274
JP2002534619	A	2002-10-15	JP2002534619



AU765624	B2	2003-09-25	AU-765624				
EP1600544	A2	2005-11-30	EP1600544				
EP1155177	B1	2005-11-30	EP1155177				
AT311492	T	2005-12-15	ATE311492				
DE60024411	D1	2006-01-05	DE60024411				
CN1236125	C	2006-01-11	CN1236125C				
IN0605/DELNP/2001	A	2006-03-03	IN2001DN00605				
HK1037698	A1	2006-03-10	HK1037698				
DK1155177	T3	2006-04-03	DK1155177T				
CN1769562	A	2006-05-10	CN1769562				
ES2251980	T3	2006-05-16	ES2251980				
EP1600544	A3	2006-06-21	EP1600544				
DE60024411	T2	2006-07-20	DE60024411				
KR100694366	B1	2007-03-12	KR100694366				
IN1829/DELNP/2006	A	2007-08-10	IN2006DN01829				
IN214682	B	2008-02-29	IN-214682				
CA2355710	C	2008-03-18	CA2355710				
BRPI0007494	A2	2010-04-20	BR200007494				
CN1769562	B	2010-06-09	CN1769562B				
BR0007494	B1	2010-12-28	BR200007494				
CN101929036	A	2010-12-29	CN101929036				
CN101929036	B	2013-09-04	CN101929036B				
EP1600544	B1	2013-10-16	EP1600544				

Abstract

(EP1600544)

An apparatus for fabricating a unique nonwoven fabric which has the appearance of a woven fabric includes a supply station for parallel warp yarns, a support structure for orienting the parallel warp yarns into a cylindrical orientation, a weft yarn **applicator** for wrapping weft yarns around the cylindrically oriented warp yarns after an **adhesive** scrim has been overlaid onto the warp yarns, a heating station for activating the **adhesive** and a cooling station for setting the **adhesive**, and a cutter for severing the cylindrically formed fabric laminate so that it can be flattened and wrapped onto a take-up roller. The weft yarn **applicator** including a rotating drum wherein a plurality of spools of weft yarn material are mounted in circumferentially spaced relationship and a tensioner is provided for **applying** the weft yarn material around the warp yarns in a predetermined tension which may be the same as, greater than, or less than the tension in the warp yarns.

Inventors

COLSON WENDEL B

HARTMAN DAVID

Latest standardized assignees - inventors removed

HUNTER DOUGLAS

IPC - International classification

B29C-053/80; B29C-069/00; B29C-070/20; B29C-070/22; B32B-005/26; B65H-051/005; B65H-081/00; B65H-081/02; D02J-001/18; D04H-001/00; D04H-003/002; D04H-003/005; D04H-003/015; D04H-003/04; D04H-003/045; D04H-003/07; D04H-003/12; D04H-017/00; D06H-007/08

Citing patents - Standardized publication number

AU200140185;AU-766101

EP1274558

EP1274580

EP1274893

GB200900115;GB2466793

JP2004500489
WO200121383
WO200121399
WO200121877
US6805771
US20050044677;US6883213
US6926055
US20030233744;US7017244
US20040074591;US7056403
US20050067113;US7090743
US20060277729;US7178211
US20060277732;US7181816
US20060143881;US7234212
US20060277730;US7234213
US20070000108;US7260873
US20060180265;US7468113
US20080286520;US7699954
US20090070974;US7971616
US20090014115;US8057616
US20100170990;US8061253
US20120125540;US8528615
US20120177872;US9296174
CN101279523;CN100478167C

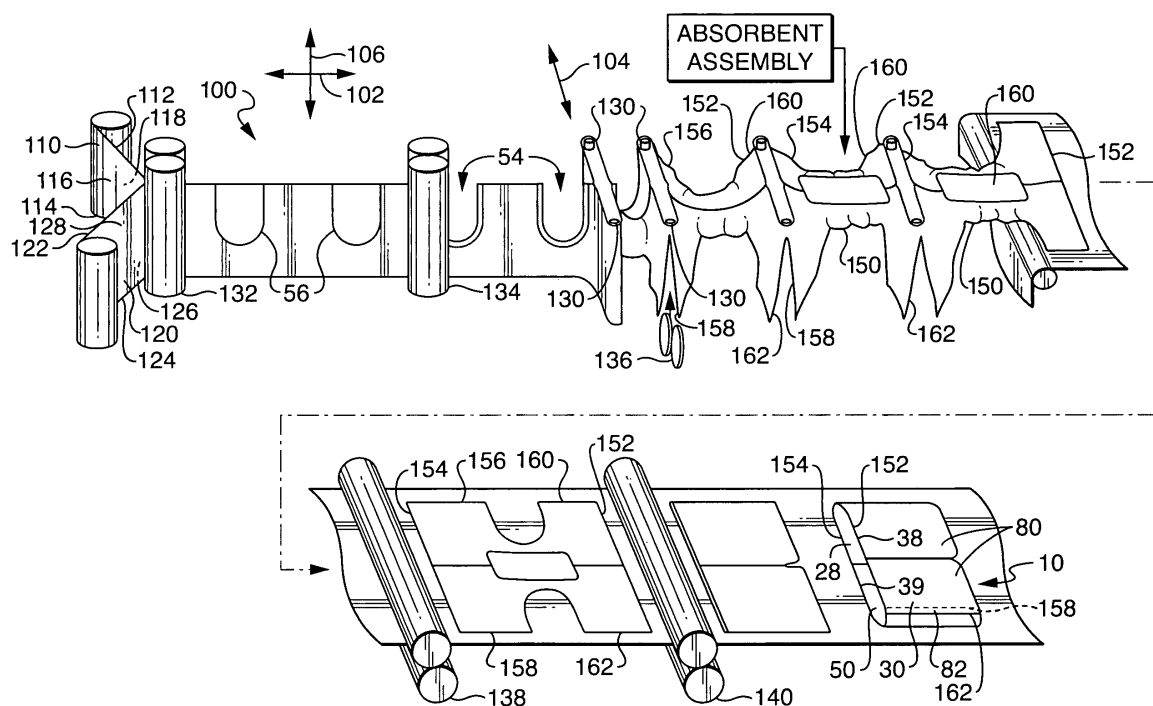
Family 4/6 - FAMPAT - ©Questel

Title

(EP1711078)

Process for making a garment having hanging legs

Images



US20050145150	A1	2005-07-07	US20050145150				
WO2005065472	A1	2005-07-21	WO200565472				
AU2004311735	A1	2005-07-21	AU2004311735				
US6964238	B2	2005-11-15	US6964238				
EP1711078	A1	2006-10-18	EP1711078				
KR20060109501	A	2006-10-20	KR20060109501				
CN1901818	A	2007-01-24	CN1901818				
JP2007520644	A	2007-07-26	JP2007520644				
EP1711078	B1	2008-10-08	EP1711078				
DE602004017060	D1	2008-11-20	DE602004017060				
CN100515245	C	2009-07-22	CN100515245C				
AU2004311735	B2	2009-07-23	AU2004311735				
JP4698607	B2	2011-06-08	JP4698607				
KR101092780	B1	2011-12-09	KR101092780				

Abstract

(EP1711078)

A distinctive process for making a garment having a waist opening and a pair of hanging legs is disclosed. The process includes providing a first web and a second web and joining the first web and the second web to provide a crotch seam. Portions of the webs may also be removed to provide a crotch gap. The first web is drawn from the second web and at least a portion of the webs are slit to provide a garment chassis. Edges of the garment chassis may be fastened together to provide the garment.

Inventors

MORTELL HEATHER S

COENEN JOSEPH D

Latest standardized assignees - inventors removed

KIMBERLY CLARK

IPC - International classification

A41B-009/00; A41B-009/02; A41D-007/00; A41H-042/00; A41H-043/00; A61F-013/15

Citing patents - Standardized publication number

JP2009506230

AU2006285260

EP1919414

EP2106711

EP2295012

EP2358621

EP2365930

FR2949670

KR20080039377; KR101296061

US20130005555

US20170204548

US20050241748; US7288162

US20050091731; US9700079

US20130303354; US9714152

WO200727367

WO201057543

WO201057866

WO2015195709

US20070044608; US7556705

US20110288520;US8672916

US20120042493;US8959744

US20140041817;US9869059

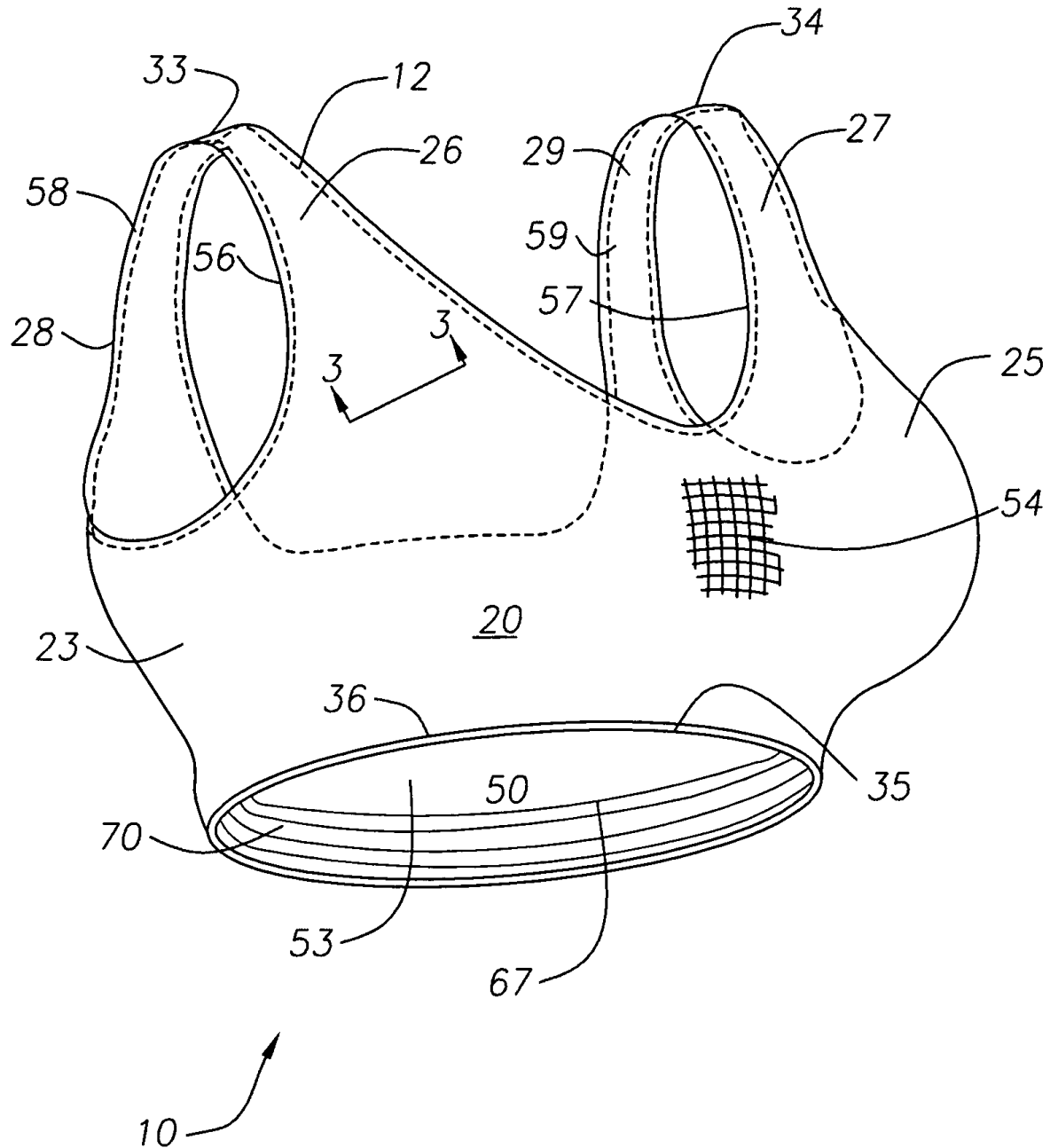
US20150361597;US9890482

Family 5/6 - FAMPAT - ©Questel

Title

(EP1536704)

Hidden band brasserie, blank and methods of making same

Images**Publication data including kind & date**

US20040014394	A1	2004-01-22	US20040014394
WO2004008892	A1	2004-01-29	WO200408892
AU2003251897	A1	2004-02-09	AU2003251897
KR20050021513	A	2005-03-07	KR20050021513
EP1536704	A1	2005-06-08	EP1536704
CN1674800	A	2005-09-28	CN1674800



JP2005533197	A	2005-11-04	JP2005533197				
IL166338	A	2006-01-15	IL-166338				
IL166338	A	2006-01-16	IL-166338				
US7051557	B2	2006-05-30	US7051557				
ZA200500472	B	2006-07-26	ZA200500472				
EP1536704	A4	2007-09-26	EP1536704				

Abstract

(EP1536704)

A circular knit bra (10) is provided. The bra (10) has a torso encircling shape with a torso part having an outer fabric (20), an inner fabric (50), and a bra bottom (35). The outer fabric (20) and the inner fabric (50) each have a lower edge. The outer fabric (20) and the inner fabric (50) form a double layer. An integrally knitted reinforced anchoring chest band (70) at the lower edge of the inner fabric forms a fold line, such that the anchoring chest band is concealed by the outer fabric layer. The bra bottom may have a smooth straight finished edge, a decorative scalloped edge, or a beaded edge mini-turned welt treatment.

Inventors

MITCHELL JOHN

WAITZ SANDRA ANN

Latest standardized assignees - inventors removed

HBI BRANDED APPAREL ENTPR

IPC - International classification

A41B; A41B-009/16; A41B-017/00; A41C-003/00; A41C-003/12; A41C-005/00; D04B-001/12; D04B-001/24

Citing patents - Standardized publication number

EP2663203

US20110219521

US20160021940

US20170164662

US20170233906

US20170281367

US7395557

US20060240743; US7614256

US20060150302; US7854022

US20100185144; US8137153

US20110212668; US8398453

US20110104983; US8550872

US20140259304; US9232823

US20140248822; US9254009

US20150272227; US9554600

US20170042256; US9706796

USD733394

USD733402

USD791432

USD793028

USD804779

USD816943

WO201296920

WO201741024

US20150374042; US10117469

US20100068971; US8469769

US20120178343;US8702469

US20140038492;US9011200

US20120174281;US9107459

US20150289568;US9578900

US20140187121;US9677207

US20150282531;US9833022

USD786530

USD792677

JP2012503109;JP5677959

JP2016089287;JP6354522

JP2016512289

CN102770036;CN102770036B

CN103015020

CN103141958

CN103850035;CN103850035B

CN104611822

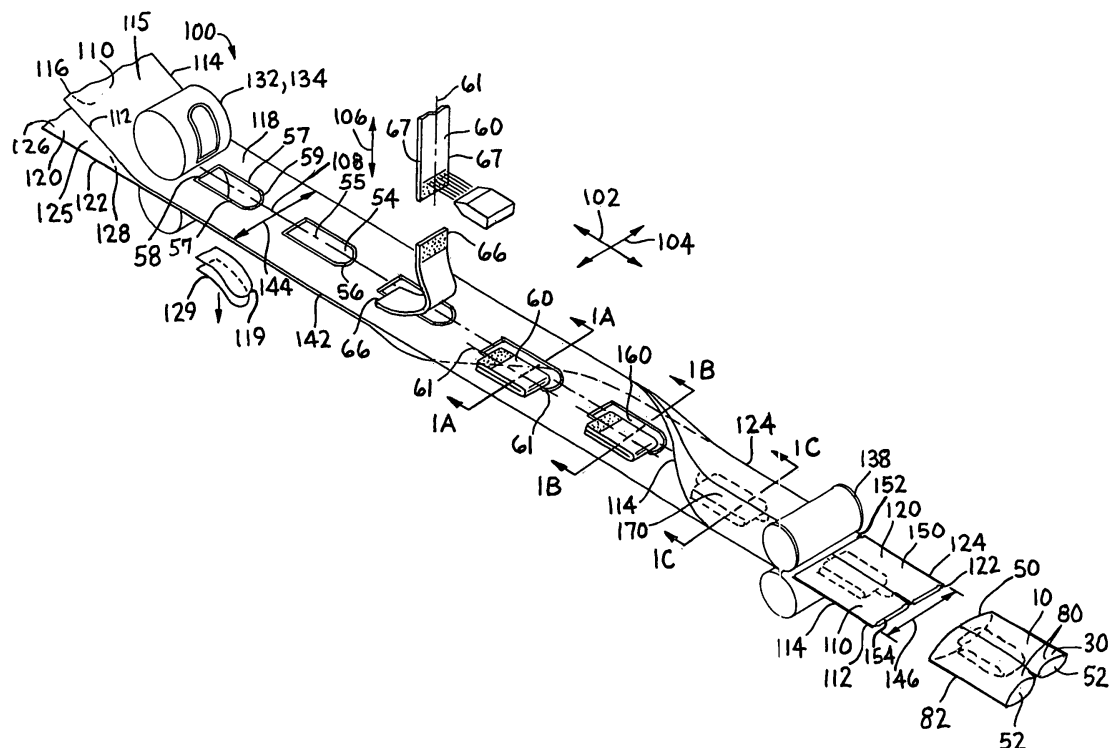
CN105860915

Family 6/6 - FAMPAT - ©Questel

Title

(EP1755511)

Process for making a garment including an absorbent assembly

Images**Publication data including kind & date**

US20050241748	A1	2005-11-03	US20050241748
US20050241747	A1	2005-11-03	US20050241747
WO2005110308	A1	2005-11-24	WO2005110308
WO2005110309	A1	2005-11-24	WO2005110309
AU2005244252	A1	2005-11-24	AU2005244252



AU2005244251	A1	2005-11-24	AU2005244251				
MXPA06012541	A	2006-12-15	MX2006PA012541				
MXPA06012482	A	2006-12-15	MX2006PA012482				
KR20070011390	A	2007-01-24	KR20070011390				
KR20070011389	A	2007-01-24	KR20070011389				
EP1753383	A1	2007-02-21	EP1753383				
EP1755511	A1	2007-02-28	EP1755511				
US7192500	B2	2007-03-20	US7192500				
CN1950045	A	2007-04-18	CN1950045				
CN1950044	A	2007-04-18	CN1950044				
US7288162	B2	2007-10-30	US7288162				
JP2007535622	A	2007-12-06	JP2007535622				
JP2007535621	A	2007-12-06	JP2007535621				
ZA200606233	B	2007-12-27	ZA200606233				
ZA200606232	B	2008-03-26	ZA200606232				
AU2005244252	B2	2010-04-01	AU2005244252				
CN1950045	B	2010-04-07	CN1950045B				
CN1950044	B	2010-05-12	CN1950044B				
EP1755511	B1	2010-08-25	EP1755511				
DE602005023154	D1	2010-10-07	DE602005023154				
AU2005244251	B2	2010-10-14	AU2005244251				
JP4726894	B2	2011-07-20	JP4726894				
JP4836941	B2	2011-12-14	JP4836941				
KR101150616	B1	2012-06-08	KR101150616				
KR101210186	B1	2012-12-07	KR101210186				
EP1753383	B1	2013-07-17	EP1753383				

Abstract

(EP1755511)

A distinctive process for making a garment including an absorbent assembly is disclosed. The process includes transporting a first web and a second web and joining the first web and the second web to provide a crotch seam. Portions of the webs may also be removed to provide an opening, and an absorbent assembly may be disposed on the first web proximate the opening. Portions of one or both of the webs may also be directed in the cross machine direction and the edges of the webs attached together to form a waist opening and a pair of leg openings.

Inventors

ALLEN KYLE S

Latest standardized assignees - inventors removed

KIMBERLY CLARK

IPC - International classification

A41B-009/02; A41B-009/04; A41B-009/12; A41H-043/00; A61F; A61F-013/15; A61F-013/49; A61F-013/496

Citing patents - Standardized publication number

EP2079426

WO200841888

EP2809681

WO2013116296

JP2008253290; JP4912199

WO2008123348

CN102686200; CN102686200B

CN102686200; CN102686200B

EP2519208

JP2014188108;JP5942911

US20050148980

US20090062765

US20100049155

US20140171282

US20050241748;US7288162

US20070044608;US7556705

US20090312739;US7972319

US20050091731;US9700079

WO201180655

WO201497010

US20080026925;US8409066

US20110160692;US8622983

US20110288520;US8672916

US20140088542;US9549859

EP2054334

WO200815594

US20140213838;US9290701

US20140041817;US9869059

JP2007535622;JP4836941

JP2015173932;JP6231913

JP2016150026

JP2016150027

CN103281998;CN103281998B

CN103281998;CN103281998B