

Title (en)

LINGERIE ARTICLES PRODUCED FROM CYLINDRICAL KNITTING COMPRISING RETAINING CHARACTERISTICS

Title (de)

Aus Rundstrickware hergestellte Wäsche mit Versteifungsmerkmalen

Title (fr)

ARTICLE DE LINGERIE REALISE A PARTIR D'UN TRICOTAGE CYLINDRIQUE COMPORTANT DES CARACTERISTIQUES DE MAINTIEN

Publication

EP 1286603 A1 20030305 (FR)

Application

EP 01940646 A 20010530

Priority

- FR 0101685 W 20010530
- FR 0007458 A 20000609

Abstract (en)

[origin: US2002155786A1] 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 a 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.

IPC 1-7

A41C 5/00; A41C 3/00

IPC 8 full level

A41C 1/00 (2006.01); **A41C 3/00** (2006.01); **A41C 3/10** (2006.01); **A41B 17/00** (2006.01); **A41C 3/12** (2006.01); **A41C 5/00** (2006.01); **D04B 1/24** (2006.01)

CPC (source: EP KR US)

A41B 9/00 (2013.01 - KR); **A41C 3/0007** (2013.01 - EP US); **A41C 3/0014** (2013.01 - EP US); **A41C 5/00** (2013.01 - EP US); **D04B 1/243** (2013.01 - EP US); **D04B 1/246** (2013.01 - EP US)

Cited by

US11028508B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2002155786 A1 20021024; US 6550286 B2 20030422; AT E301941 T1 20050915; AU 7416301 A 20011217; AU 767025 B2 20031030; BR 0106716 A 20020416; CA 2380944 A1 20011213; CA 2380944 C 20060110; CN 1195427 C 20050406; CN 1383359 A 20021204; CZ 2002610 A3 20021113; DE 60112745 D1 20050922; DE 60112745 T2 20060629; EP 1286603 A1 20030305; EP 1286603 B1 20050817; ES 2247125 T3 20060301; FR 2809932 A1 20011214; FR 2809932 B1 20020927; HK 1050985 A1 20030718; HU P0202750 A2 20080128; IL 147934 A0 20020814; JP 2003535235 A 20031125; KR 100451100 B1 20041013; KR 20020027510 A 20020413; MA 25491 A1 20020701; MX PA02001432 A 20100602; NO 20020613 D0 20020207; NO 20020613 L 20020409; NO 317916 B1 20050103; NZ 517083 A 20030829; PL 352156 A1 20030728; RU 2221466 C2 20040120; SK 2602002 A3 20020806; WO 0193708 A1 20011213; ZA 200201445 B 20030520

DOCDB simple family (application)

US 4974102 A 20020521; AT 01940646 T 20010530; AU 7416301 A 20010530; BR 0106716 A 20010530; CA 2380944 A 20010530; CN 01801610 A 20010530; CZ 2002610 A 20010530; DE 60112745 T 20010530; EP 01940646 A 20010530; ES 01940646 T 20010530; FR 0007458 A 20000609; FR 0101685 W 20010530; HK 03102547 A 20030409; HU P0202750 A 20010530; IL 14793401 A 20010530; JP 2002501284 A 20010530; KR 20027001364 A 20020131; MA 26541 A 20020306; MX PA02001432 A 20010530; NO 20020613 A 20020207; NZ 51708301 A 20010530; PL 35215601 A 20010530; RU 2002105996 A 20010530; SK 2602002 A 20010530; ZA 200201445 A 20020220