

Title (en)
END-CONNECTING METHOD FOR DOUBLY-CYLINDRICAL FABRIC

Title (de)
ENDVERBINDUNGSVERFAHREN FÜR DOPPELZYLINDRISCHEN STOFF

Title (fr)
PROCÉDÉ DE LIAISON D'EXTRÉMITÉS POUR TISSU À DOUBLE CYLINDRE

Publication
EP 2208814 A4 20150107 (EN)

Application
EP 08848548 A 20081104

Priority

- JP 2008070005 W 20081104
- JP 2007288938 A 20071106

Abstract (en)
[origin: EP2208814A1] The present invention aims to join together the inner and outer knitted fabrics of the double-faced tubular knitted fabric at the ends, using interlacement between the knitting yarns, not using the sewing process. When the double-faced tubular knitted fabric 1 consisting of two tubular parts is knitted, using the yarn feeder 9 for feeding the knitting yarn 11 to the inner tubular part 7 and the yarn feeder 10, positioned at one side of the yarn feeder 9 with respect to the front-back direction, for feeding the knitting yarn 12 to the outer tubular part 8, the step of knitting in such a manner that the knitting yarn 12 extending from the knitting fabric of the outer tubular part 8 to the yarn feeder 10 can pass over and intersect with the knitting yarn 11 extending from the knitted fabric of the inner tubular part 7 to the yarn feeder 9 at the one end 13 of the double-faced tubular knitted fabric 1 and then the inner tubular part 7 is knitted to thereby form the interlaced part 6 at the one end 13 and the step of knitting in such a manner that when passing across the knitting needles of the front and back needle beds, the knitting yarn 12 of the outer tubular part 8 can pass over and intersects with the knitting yarn 11 extending from the knitted fabric of the inner tubular part 7 to the yarn feeder 9 at the other end 14 of the double-faced tubular knitted fabric 1 and then the inner tubular part 7 is knitted, to thereby form the interlaced part 6 at the other end 14 are repeated in a desired combination.

IPC 8 full level
D04B 1/24 (2006.01); **A41B 11/00** (2006.01); **A41D 19/00** (2006.01); **D04B 7/32** (2006.01)

CPC (source: EP)
D04B 1/28 (2013.01); **D10B 2403/023** (2013.01)

Citation (search report)

- [A] GB 1458876 A 19761215 - SHIMA IDEA CENTER CO LTD
- [A] US 5675992 A 19971014 - WRIGHTENBERRY JERRY O [US]
- [A] EP 1335053 A1 20030813 - WIGWAM MILLS INC [US]
- [A] EP 1842948 A1 20071010 - SHIMA SEIKI MFG [JP]
- [AD] JP H11323608 A 19991126 - KNIT GLOBE KK
- See references of WO 2009060811A1

Cited by
EP1842948A4; CN104831459A; EP3266916A1; US10178884B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2208814 A1 20100721; **EP 2208814 A4 20150107**; **EP 2208814 B1 20160518**; CN 101849053 A 20100929; CN 101849053 B 20111116; JP 5466948 B2 20140409; JP WO2009060811 A1 20110324; WO 2009060811 A1 20090514

DOCDB simple family (application)
EP 08848548 A 20081104; CN 200880115004 A 20081104; JP 2008070005 W 20081104; JP 2009540043 A 20081104