

Title (en)

Method for manufacturing a garment provided with arms on a double bed flat knitting machine

Title (de)

Verfahren zur Herstellung eines mit Ärmeln versehenen Kleidungsstücks auf einer Zweibett-Flachstrickmaschine

Title (fr)

Procédé pour la fabrication d'une pièce de vêtement pourvue de bras dans un métier à tricoter rectiligne à deux fontures

Publication

EP 0857800 B1 20040414 (DE)

Application

EP 98100579 A 19980115

Priority

DE 19704646 A 19970207

Abstract (en)

[origin: EP0857800A2] A sleeved garment, where the join (15,16) between sleeve (13,14) and body (12) is perpendicular to the shoulder (17,18), is knitted in one piece on a twin bed flat knitting machine. The sleeves (13,14) and body (12) are knitted initially on separate yarn guides as tubular fabrics, with used needles in one bed being opposite empty needles in the other bed. The joins (15,16) are made with a single yarn guide by first knitting a row on both sleeves and body in the first direction of travel of the carriage. The stitches of the back of the right sleeve are transferred to the empty needles on the front needle bed and the stitches of the front of the left sleeve are transferred to the opposing needles on the back needle bed. Both needle beds are moved and the stitches of the right sleeve are moved from the front to the back bed near the body and into empty needles near the sleeve, with an analogous operation for the left sleeve. The needle beds are returned to their starting position and the stitches of the back of the left sleeve and the left edge region of the body are transferred from the front to the back needle bed. Similarly the front of the right sleeve and the right region of the body are transferred from the back to the front needle bed. Several rows of stitches are then knitted on the front bed near the body and both sleeves, after which several rows are knitted on the body only. This is followed by a similar procedure on the back needle bed. The whole cycle is repeated till the join is complete. Similar independent claims describe the stitch pattern for joining sleeves where the join is at an angle to the shoulder and for joining Raglan sleeves.

IPC 1-7

D04B 1/24

IPC 8 full level

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CPC (source: EP US)

D04B 1/246 (2013.01 - EP US)

Citation (examination)

- EP 0533612 A2 19930324 - PICAZA AZPIROZ JOSE MARIA [ES]
- GB 1183574 A 19700311 - COURTAULDS LTD [GB]
- JP H0375656 B2 19911202

Cited by

US6564588B1; EP1055754A3; EP1801275A1

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DE ES IT

DOCDB simple family (publication)

EP 0857800 A2 19980812; EP 0857800 A3 20000315; EP 0857800 B1 20040414; EP 0857800 B2 20071226; CN 1086750 C 20020626; CN 1196414 A 19981021; DE 19704646 A1 19980813; DE 19704646 B4 20050203; DE 59811169 D1 20040519; ES 2219791 T3 20041201; JP 3013242 B2 20000228; JP H1161603 A 19990305; US 5916272 A 19990629

DOCDB simple family (application)

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