

Title (en)

Method for knitting multi-layer knitted fabric, and flat knitting machine and yarn carrier used therefor

Title (de)

Verfahren zum Stricken von mehrschichtiger Maschenware, und Flachstrickmaschine und dafür verwendeter Fadenführer

Title (fr)

Procédé pour tricoter un tissu tricoté multicouche et machine à tricoter rectiligne et guide-fil utilisé à cet effet

Publication

EP 2568067 B1 20150708 (EN)

Application

EP 12005453 A 20120726

Priority

JP 2011176242 A 20110811

Abstract (en)

[origin: EP2568067A2] Problem: To prevent interference between warp yarns (4) and yarn feeders (25) of yarn carriers (10, 50, 70; 12, 52) when knitting a multi-layer knitted fabric. Configuration: A multi-layer knitted fabric is knitted, by feeding the warp yarns (4) to a trick gap (3) of a flat knitting machine (2, 48, 68), and feeding an inlay yarn (6, 7) and a knitting yarn (8, 9) from the yarn feeders (25) at the front ends of the yarn carriers (10, 50, 70; 12, 52). The yarn carrier (10, 50, 70; 12, 52) is provided with a guide member (26, 56) that is projected from said yarn carrier toward the trick gap (3), at a position that is closer to a base portion than is the yarn feeder (25), and the guide member (26, 56) guides the warp yarn (4) to the side opposite said yarn carrier with respect to the trick gap (3).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN112281290A; CN103960800A; EP2843093A1; CN104420068A; EP3255187A1; EP3263755A1; US10743608B2; US11058172B2

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