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) 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

D04B 7/14 (2006.01); D04B 15/56 (2006.01); D04B 1/12 (2006.01)

CPC (source: EP)

D04B 1/123 (2013.01); D04B 7/14 (2013.01); D04B 15/56 (2013.01); D04B 15/80 (2013.01); D10B 2403/02412 (2013.01); D10B 2403/0311 (2013.01)

Cited by

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

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2568067 A2 20130313; EP 2568067 A3 20131113; EP 2568067 B1 20150708; JP 2013040411 A 20130228; JP 5875282 B2 20160302

DOCDB simple family (application)

EP 12005453 A 20120726; JP 2011176242 A 20110811