

Title (en)

Knitting method on a flat knitting machine having a plurality of yarn feeders and a corresponding knitted fabric

Title (de)

Strickverfahren auf einer Flachstrickmaschine mit mehreren Fadenführern und entsprechendes Gestrick

Title (fr)

Procédé de tricotage en utilisant un métier à tricoter rectiligne avec plusieurs guide-fills et un tricot correspondant

Publication

EP 2447399 A3 20150114 (EN)

Application

EP 11008526 A 20111025

Priority

JP 2010242436 A 20101028

Abstract (en)

[origin: EP2447399A2] To provide a knitting method of a knitted fabric enabling knitting while preventing a cross-over yarn portion, which connects two knitted fabric portions at positions spaced apart in the wale direction of the knitted fabric, from becoming a free state, and a knitted fabric knitted by applying such knitting method of the knitted fabric. A preceding stitch row (knitting needle G of FB) is knitted with a knitting yarn from a yarn feeder 9 on a far side with respect to a FB, which is a target needle bed, on which knitting is carried out (S2), and the yarn feeder 9 is once moved towards the preceding stitch row side of a stitch (knitting needle G of FB) at a termination of the preceding stitch row (S3). A yarn feeder 8 on a near side with respect to the FB is moved in the direction opposite to the direction of forming the preceding stitch row so that the knitting yarn extending from the yarn feeder 8 intersect at the upper side of the needle bed gap of the knitting yarn extending from the yarn feeder 9 (S3). A trailing stitch row, which is the rest of the preceding stitch row, is then knitted with the yarn feeder 9 (S4).

IPC 8 full level

D04B 1/22 (2006.01)

CPC (source: EP)

D04B 1/106 (2013.01); **D04B 1/126** (2013.01); **D10B 2403/0333** (2013.01)

Citation (search report)

- [AD] EP 1652980 A1 20060503 - SHIMA SEIKI MFG [JP]
- [A] EP 1219740 A1 20020703 - SHIMA SEIKI MFG [JP]
- [A] EP 2154280 A1 20100217 - SHIMA SEIKI MFG [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2447399 A2 20120502; **EP 2447399 A3 20150114**; **EP 2447399 B1 20160608**; CN 102534980 A 20120704; CN 102534980 B 20150415; JP 2012092469 A 20120517; JP 5702576 B2 20150415

DOCDB simple family (application)

EP 11008526 A 20111025; CN 201110342423 A 20111028; JP 2010242436 A 20101028