

Title (en)

STRIPE PATTERN KNITTING DEVICE IN FEED CHANGER, AND METHOD THEREFOR

Title (de)

STREIFENMUSTERSTRICKVORRICHTUNG IN FADENFÜHRER SOWIE VERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE TRICOTAGE DE MOTIFS A RAYURES DANS UN CHANGEUR D'ALIMENTATION, ET SON PROCEDE

Publication

EP 2161359 A1 20100310 (EN)

Application

EP 08751639 A 20080428

Priority

- JP 2008001114 W 20080428
- JP 2007125712 A 20070510

Abstract (en)

[Object] To eliminate the defects of the prior art in a technique for manufacturing a fabric of a stripe pattern using a number of knitting yarns (color yarns) exceeding the number of yarn feed fingers arranged in a yarn feed changer. [Means] The object is achieved by a stripe pattern knitting method in which a first feeder having a first yarn feed changer and a second feeder having a second yarn feed changer are used to knit one course. The first feeder performs welt needle selection. When a knitting yarn is newly fed to a knitting needle from the first yarn feed changer, the angle at which the yarn trapped by a trapper enters a yarn carrier is stably retained. After new yarns are fed to the knitting needles from the first and second yarn feed changers and formed into loops, old knitting yarns that cease to be fed are retained and cut at the same position.

IPC 8 full level

D04B 15/60 (2006.01); **D04B 15/61** (2006.01)

CPC (source: EP KR)

D04B 15/60 (2013.01 - KR); **D04B 15/61** (2013.01 - EP)

Cited by

EP2374920A1; US8196438B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2161359 A1 20100310; **EP 2161359 A4 20110316**; **EP 2161359 B1 20150729**; CN 101680141 A 20100324; CN 101680141 B 20120523; JP 2008280641 A 20081120; KR 101470668 B1 20141208; KR 20100017329 A 20100216; TW 200912066 A 20090316; TW I444514 B 20140711; WO 2008139713 A1 20081120

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EP 08751639 A 20080428; CN 200880015404 A 20080428; JP 2007125712 A 20070510; JP 2008001114 W 20080428; KR 20097024485 A 20080428; TW 97107417 A 20080304