Title (en)

Knitting method by flat knitting machine and editing apparatus for knitting data

Title (de)

Strickverfahren für eine Flachstrickmaschine und Dateneditiervorrichtung für Strickdaten

Title (fr)

Procédé pour le tricotage dans une tricoteuse rectiligne et appareil d'édition de données pour le tricotage

Publication

EP 2568068 B1 20150603 (EN)

Application

EP 12006257 A 20120904

Priority

JP 2011197451 A 20110909

Abstract (en)

[origin: EP2568068A1] Configuration: A knitting machine includes a needle bed (32, 34), a carriage (36), a carrier, and a controller (40). The carriage (36) is provided with at least two cam systems (S1, S2, S3) in a longitudinal direction of the needle bed (32, 34), and the cam systems (S1, S2, S3) perform knitting using a yarn from the carrier. For a course of the carriage (36) in which a yarn is not fed from the carrier to a needle on the needle bed (32, 34) and a knitting width is longer than a width of one cam system (S1, S2, S3), the knitting width is divided into at least two portions that are to be knitted by different cam systems (S1, S2, S3), and a knitting width of a first portion and a knitting width of a last portion are set such that a sum of the knitting width of the first portion and the knitting width of the last portion in a travelling direction of the carriage (36) is at least the width of one cam system (S1, S2, S3). The first portion is knitted by a following cam system in the travelling direction of the carriage (36), and the last portion is knitted by a preceding cam system in the travelling direction of the carriage (36). Effects: The stroke of the carriage (36) is shortened.

IPC 8 full level

D04B 7/24 (2006.01); **D04B 15/66** (2006.01); **D04B 15/96** (2006.01)

CPC (source: EP KR)

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