

Title (en)

Process and device for producing patterns on stockings with double-cylinder circular knitting machines.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Mustern an Strümpfen auf Doppeltzylinder-Rundstrickmaschinen.

Title (fr)

Procédé et dispositif pour la fabrication de dessins aux chaussettes aux métiers à tricoter circulaires à deux cylindres.

Publication

EP 0426030 A2 19910508 (EN)

Application

EP 90120580 A 19901026

Priority

IT 2226089 A 19891103

Abstract (en)

The process consists in moving all the needles of the machine into the lower cylinder before the forming of the pattern begins. The pattern is produced by moving a preset number of needles to knit at a feed of the machine so as to engage at least one pattern thread (3) which differs in color with respect to the background thread (5) used to form the region of the sock or stocking which is proximate to the pattern, so as to obtain a first pattern portion on a row of the sock or stocking. During the rotation of the lower needle cylinder, the pattern thread (3), engaged on the last needle moved to knit at this feed, is tensioned and progressively recovered and is then fed again to the same needles, or to contiguous needles, which are moved to knit at the same feed to form a new portion of the pattern row. When the pattern is complete, the pattern thread (3) is cut.

IPC 1-7

D04B 9/28

IPC 8 full level

D04B 9/28 (2006.01); **D04B 15/54** (2006.01); **D04B 9/46** (2006.01)

CPC (source: EP)

D04B 9/28 (2013.01)

Cited by

CZ299171B6; US5224361A; CN107956033A; EP0962569A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0426030 A2 19910508; **EP 0426030 A3 19920812**; CS 516690 A2 19910611; IT 1237120 B 19930518; IT 8922260 A0 19891103; IT 8922260 A1 19910503; JP H03152250 A 19910628

DOCDB simple family (application)

EP 90120580 A 19901026; CS 516690 A 19901023; IT 2226089 A 19891103; JP 29556390 A 19901102