

Title (en)

CIRCULAR KNITTING MACHINE FOR MANUFACTURING STOCKINGS, SOCKS AND THE LIKE

Publication

EP 0454196 A3 19920304 (EN)

Application

EP 91200643 A 19910322

Priority

IT 1989790 A 19900330

Abstract (en)

[origin: EP0454196A2] A circular knitting machine for manufacturing stockings, socks or the like is proposed in which the heel and toe of the stocking or sock are formed without the aid of pickers, by using two selection actuators (32,33) associated with the yarn feed and loop formation point in which the heel and toe are formed, said actuators (32,33) and suitable cams being used to move out of operation those needles selected during the narrowing and widening stages. A lowering cam is provided opposite the yarn feed and loop formation point to return to a high working track, towards the end of each revolution of the cylinder when under reciprocating movement, those needles which have already been moved into inactivation by the selection actuators (32,33). <IMAGE>

IPC 1-7

D04B 9/56; D04B 9/20

IPC 8 full level

D04B 9/46 (2006.01); **D04B 9/20** (2006.01); **D04B 9/56** (2006.01); **D04B 15/82** (2006.01)

CPC (source: EP KR)

D04B 9/20 (2013.01 - EP); **D04B 9/46** (2013.01 - KR); **D04B 9/56** (2013.01 - EP)

Citation (search report)

- [A] DE 3522042 A1 19860213 - COLOSIO CESARE SRL [IT]
- [A] US 4554801 A 19851126 - THORE THOMAS J [US]
- [A] US 3564871 A 19710223 - FAIGENBAUM ROY D, et al
- [A] DE 3620055 A1 19870108 - ELITEX ZAVODY TEXTILNIHO [CS]

Cited by

CN105793480A; GB2321649A; GB2321649B; US10221509B2; WO2015055803A1

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DOCDB simple family (publication)

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