

Title (en)
KNITTING MACHINE WITH AN ELECTRO-MAGNETICAL NEEDLE SELECTION

Publication
EP 0209486 A3 19871111 (FR)

Application
EP 86810265 A 19860613

Priority
CH 302785 A 19850712

Abstract (en)
[origin: US4644763A] In a knitting machine, electromagnetically controlled selector stations cooperate with sliding devices to enable them to assume two different positions. The sliding devices act in pairs on each needle of the knitting machine, and fixed vertical cams act on so-called two-arm levers to release them after selection, with the two-arm levers being retained or not by the sliding devices. Provision is made so that the two-arm levers can be oriented in four different positions. Each pair of sliding devices is composed of a first lower selector and a juxtaposed second lower selector, each of which can be moved into two different positions so as to produce the different four positions of the two-arm levers, in this way the needles may be controlled individually into tucking, out-of-action, standard knitting, and lengthened stitch knitting positions.

IPC 1-7
D04B 15/68

IPC 8 full level
D04B 15/78 (2006.01); **D04B 15/68** (2006.01); **D04B 15/82** (2006.01)

CPC (source: EP US)
D04B 15/68 (2013.01 - EP US)

Citation (search report)
• [A] FR 2512471 A1 19830311 - DUBIED & CIE SA E [CH]
• [AD] CH 648070 A5 19850228 - DUBIED & CIE SA E
• [AD] CH 641852 A5 19840315 - DUBIED & CIE SA E [CH]

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0209486 A2 19870121; **EP 0209486 A3 19871111**; **EP 0209486 B1 19900808**; CH 663231 A5 19871130; DE 3673275 D1 19900913; ES 556630 A0 19870501; ES 8705537 A1 19870501; JP S6215364 A 19870123; US 4644763 A 19870224

DOCDB simple family (application)
EP 86810265 A 19860613; CH 302785 A 19850712; DE 3673275 T 19860613; ES 556630 A 19860625; JP 16290186 A 19860710; US 88352886 A 19860709