

Title (en)

Device for the selective movement of yarn carriers in flat knitting machines.

Title (de)

Einrichtung zur selektiv ansteuerbaren Mitnahme von Fadenführern an Flachstrickmaschinen.

Title (fr)

Dispositif pour l'entraînement commandé selectivement de jeteurs dans machines à tricoter rectilignes.

Publication

EP 0407766 B1 19940330 (DE)

Application

EP 90111484 A 19900619

Priority

DE 3922513 A 19890708

Abstract (en)

[origin: EP0407766A1] A device (10) for the selectively controllable take-up of yarn carriers on flat knitting machines possesses a plurality of electromagnets which are connected fixedly in terms of movement to a slide unit and which are each assigned controllably a driver, the take-up finger (51) of which can be brought into and out of engagement with at least one associated yarn-carrier box (11) of a yarn carrier, moveable along yarn-carrier rails (12) in parallel with a needle-bed unit. In order, in such a device for the selectively controllable take-up of yarn carriers on flat knitting machines, to make the transmission of movement from the electromagnet to the take-up finger (51) quicker and independent of the direction of movement of the slide unit, the electromagnet is surrounded by a frame element (43), from one end of which the take-up finger (51) projects centrally in the direction of movement and the other end of which can be loaded by an armature bar (33) of the electromagnet, and the frame element (43) is held on its two side legs so as to be guided in a longitudinally moveable manner. <IMAGE>

IPC 1-7

D04B 15/56

IPC 8 full level

D04B 15/56 (2006.01); **D04B 15/96** (2006.01)

CPC (source: EP US)

D04B 15/56 (2013.01 - EP US); **D04B 15/96** (2013.01 - EP US)

Cited by

CN103422247A

Designated contracting state (EPC)

CH ES FR GB IT LI

DOCDB simple family (publication)

EP 0407766 A1 19910116; **EP 0407766 B1 19940330**; DE 3922513 A1 19910117; DE 3922513 C2 19980917; ES 2054153 T3 19940801; JP 2879700 B2 19990405; JP H0345757 A 19910227; US 5109681 A 19920505

DOCDB simple family (application)

EP 90111484 A 19900619; DE 3922513 A 19890708; ES 90111484 T 19900619; JP 18252890 A 19900709; US 54882290 A 19900706