Title (en)

ELECTROMAGNETIC DEVICE FOR AUTOMATED JACQUARD MACHINE NEEDLE ACTUATION

Title (de)

ELEKTRO-MAGNETISCHE VORRICHTUNG ZUM AUTOMATISCH STEUERN DER NADELN EINES JACQUARD-MECHANISMUS

Title (fr)

DISPOSITIF ELECTROMAGNETIQUE POUR L'ACTIONNEMENT AUTOMATISE DES AIGUILLES D'UNE MECANIQUE JACQUARD

Publication

EP 0889980 B1 20000524 (FR)

Application

EP 97914377 A 19970312

Priority

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- FR 9603834 A 19960322

Abstract (en)

[origin: WO9736033A1] A device including a plurality of spaced pairs of parallel plates (2) at a spacing (<u>e</u>) identical to that between two consecutive rows of needles, wherein selection members (7) associated with the needles (1) of one row and movable in a single plane parallel to the plane of the plates (2) are mounted in the space between two consecutive plates (2), and one two-part electromagnetic circuit for generating at least one induced electromagnetic field (C1) across the plane of the plates (2) is provided in said space for each selection member (7), the two parts of the electromagnetic circuit being mounted on respective facing surfaces (2<u>a</u>, 2<u>b</u>) of said plates. Each selection member (7) comprises a magnetised portion positioned between the two parts of the corresponding electromagnetic circuit to enable the movement thereof to be controlled.

IPC 1-7

D04C 5/18; D04B 27/32

IPC 8 full level

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CPC (source: EP US)

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