

Title (en)

Electromagnetic control block for actuating the shedding mechanisms for looms.

Title (de)

Steuervorrichtung mit Elektromagneten, insbesondere zum Steuern des Schaftmechanismus in Textilmaschinen.

Title (fr)

Bloc de commande à électro-aimants, notamment pour l'actionnement des ratières pour machines à tisser.

Publication

EP 0039651 A1 19811111 (FR)

Application

EP 81420065 A 19810504

Priority

FR 8010548 A 19800506

Abstract (en)

[origin: US4377799A] The present invention relates to a control unit comprising a series of electromagnets for actuating juxtaposed or superposed mobile armature members. A cover locked in a frame contains a series of cores maintained in position by abutment of coil supports and by a plate. The latter supports a printed circuit connected to the coils and to a cable. The frame cover assembly is filled with a mass of injected resin. The invention is particularly applicable to textile equipment (dobbies).

Abstract (fr)

Le capot (2) encliqueté dans l'armature (1) renferme une série de noyaux (3) maintenus en place par appui des bobines porte-bobinage (4) et par une plaque (6). Cette dernière supporte un circuit imprimé (8) relié aux bobinages (5) et au câble (9). L'ensemble de la carcasse (1-2) est rempli d'une masse (10) de résine injectée.

IPC 1-7

H01F 7/08

IPC 8 full level

D03C 3/20 (2006.01); **D03C 1/14** (2006.01); **H01F 7/08** (2006.01)

CPC (source: EP US)

H01F 7/08 (2013.01 - EP US)

Citation (search report)

- DE 1295690 B 19690522 - EKS ELEKTROMAGNETIK DR KNIEL &
- US 3327264 A 19670620 - RODAWAY KEITH S
- DE 2018167 A1 19711104 - HARTING ELEKTRO W
- FR 1557034 A 19690214

Cited by

US4777875A

Designated contracting state (EPC)

CH DE IT LI

DOCDB simple family (publication)

EP 0039651 A1 19811111; FR 2482359 A1 19811113; FR 2482359 B3 19820625; JP S56165079 U 19811207; JP S6236872 Y2 19870919; US 4377799 A 19830322

DOCDB simple family (application)

EP 81420065 A 19810504; FR 8010548 A 19800506; JP 6446081 U 19810506; US 25703481 A 19810424