

Title (en)

Control device with electromagnetical selection for dobbies and other weaving mechanisms

Title (de)

Betätigungsvorrichtung mit elektromagnetischer Auswahl für die Steuerung von Schaftmaschinen und anderen Webmechanismen

Title (fr)

Dispositif d'actionnement à sélection électromagnétique pour la commande des ratières et autres mécaniques de tissage

Publication

EP 0851047 B1 20000405 (FR)

Application

EP 97420242 A 19971223

Priority

FR 9616393 A 19961231

Abstract (en)

[origin: EP0851047A1] The electromagnetic selector controls mechanisms used in weaving, especially the hooked pivots known as rat-traps. The loom includes an electromagnet (6) for each lath, carried by a live oscillatory frame (1, 2). It also has an associated pivoting selector (7) pulled back against a spring (13), for selective actuation of one or the other of two control sections (9, 10). The electromagnet is energised in accordance with the armature required for the cloth in production. In the new unit a moving armature (12) is articulated on the selector at the end near the pivot axis (8).

IPC 1-7

D03C 1/14; **D03C 1/00**; **H01F 7/14**

IPC 8 full level

D03C 1/00 (2006.01); **D03C 1/14** (2006.01); **H01F 7/14** (2006.01)

CPC (source: EP KR US)

D03C 1/00 (2013.01 - EP US); **D03C 1/14** (2013.01 - EP US); **D03C 3/20** (2013.01 - KR); **H01F 7/14** (2013.01 - EP US)

Cited by

EP1936014A1; EP2460918A1; FR2910494A1; FR2968317A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

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EP 0851047 A1 19980701; **EP 0851047 B1 20000405**; CN 1058305 C 20001108; CN 1188825 A 19980729; DE 69701619 D1 20000511; DE 69701619 T2 20000803; ES 2144303 T3 20000601; FR 2757884 A1 19980703; FR 2757884 B1 19990219; JP 3545186 B2 20040721; JP H10245737 A 19980914; KR 100418082 B1 20040406; KR 19980064816 A 19981007; US 5908051 A 19990601

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EP 97420242 A 19971223; CN 97126282 A 19971230; DE 69701619 T 19971223; ES 97420242 T 19971223; FR 9616393 A 19961231; JP 35531897 A 19971224; KR 19970078657 A 19971230; US 99079397 A 19971215