Title (en)

Electromagnetic actuator, incorporated in a remote control unit.

Title (de)

In einer Fernbedienungseinheit inkorporierter elektromagnetischer Betätigungseinrichtung.

Title (fr)

Dispositif d'actionnement électromagnétique incorporé dans un bloc de télécommande.

Publication

EP 0543740 B1 19950830 (FR)

Application

EP 92420400 A 19921106

Priority

FR 9114754 A 19911122

Abstract (en)

[origin: CA2083126A1] ELECTROMAGNETIC ACTUATING DEVICE INCORPORATED IN A REMOTE CONTROL UNIT An electromagnetic actuator comprises a coil associated with a magnetic circuit having a first series of polar parts to drive a rotor, and a second series of polar parts cooperating with a pivoting blade. A return spring causes movement of the blade to a separated position. A latch is rendered active to lock the blade in the separated position during rotation of the rotor, and inactive to unlock the blade enabling its electromagnetic attraction against the polar face, and stopping of the rotor. The actuator has an operating mode either as motor or as electromagnet depending on the position of the blade.

IPC 1-7

H01H 71/70

IPC 8 full level

H01F 7/08 (2006.01); **H01F 7/14** (2006.01); **H01H 71/70** (2006.01)

CPC (source: EP KR US)

H01H 71/70 (2013.01 - EP US); **H01H 75/02** (2013.01 - KR); H01H 2071/665 (2013.01 - EP US)

Cited by

EP0797229A1; FR2746209A1; CN1068959C

Designated contracting state (EPC)

BE CH DE ES GB IT LI SE

DOCDB simple family (publication)

EP 0543740 A1 19930526; **EP 0543740 B1 19950830**; CA 2083126 A1 19930523; CN 1028936 C 19950614; CN 1072798 A 19930602; DE 69204426 D1 19951005; DE 69204426 T2 19960620; ES 2079166 T3 19960101; FR 2684233 A1 19930528; FR 2684233 B1 19931231; JP H0629117 A 19940204; KR 930011039 A 19930623; US 5276420 A 19940104

DOCDB simple family (application)

EP 92420400 A 19921106; CA 2083126 A 19921117; CN 92113442 A 19921121; DE 69204426 T 19921106; ES 92420400 T 19921106; FR 9114754 A 19911122; JP 29983692 A 19921110; KR 920021901 A 19921120; US 97375592 A 19921109