

Title (en)

Switching device with displacement sensor

Title (de)

Schaltvorrichtung mit Wegaufnehmervorrichtung

Title (fr)

Dispositif de commutation avec capteur de déplacement

Publication

**EP 0840333 B1 20010711 (DE)**

Application

**EP 97110616 A 19970628**

Priority

DE 19643976 A 19961031

Abstract (en)

[origin: EP0840333A1] The switch mechanism is preferably in the form of a magnetic switch with a direction detection device for monitoring the position of a switch element (10) of the mechanism (10) which is coupled to the path detector (30) via a releasable connection device. The connection device has a spring elastic connection part (56) which passes through one of the detector (30) and the switch mechanism (10) and engages with the other. The connector part (56) is preferably a stirrup spring with two legs movable under spring force relative to each other. The legs engage the switch mechanism. The connector part (56) may be formed of a sprung steel wire.

IPC 1-7

**H01F 7/16**; **F16B 21/12**

IPC 8 full level

**F16B 21/12** (2006.01); **H01F 7/16** (2006.01)

CPC (source: EP)

**H01F 7/1607** (2013.01)

Cited by

US6459348B1; WO0074085A3

Designated contracting state (EPC)

DE ES FR GB IE IT MC PT

DOCDB simple family (publication)

**EP 0840333 A1 19980506**; **EP 0840333 B1 20010711**; DE 19643976 A1 19980507; DE 59704004 D1 20010816; ES 2160284 T3 20011101; PT 840333 E 20011228

DOCDB simple family (application)

**EP 97110616 A 19970628**; DE 19643976 A 19961031; DE 59704004 T 19970628; ES 97110616 T 19970628; PT 97110616 T 19970628