

Title (en)

Electrical switch with undervoltage release

Title (de)

Elektrischer Schalter mit Unterspannungsauslösung

Title (fr)

Interrupteur électrique à déclenchement par manque de tension

Publication

EP 0802552 B1 20011121 (DE)

Application

EP 97106350 A 19970417

Priority

DE 29607027 U 19960418

Abstract (en)

[origin: EP0802552A2] The switch has a switching element (4) movable between on and off positions to switch a circuit and a magnetic circuit (28) for electromagnetic under voltage triggering. In the event of an under voltage the self opening magnetic circuit transfers the switching element into its off position, thus closing the magnetic circuit again. A linearly movable fixing slider which is coupled to the magnet's armature fixes the armature (28) to the magnet's core (29) in the off position of the switching element.

IPC 1-7

H01H 83/12

IPC 8 full level

H01H 23/00 (2006.01); **H01H 23/16** (2006.01); **H01H 83/12** (2006.01)

CPC (source: EP US)

H01H 83/12 (2013.01 - EP US)

Cited by

DE19919331A1; DE102009025514A1; WO2010145757A1; DE102009025513A1; DE202010018176U1; US10818450B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0802552 A2 19971022; EP 0802552 A3 19990310; EP 0802552 B1 20011121; DE 59705433 D1 20020103; JP 3754796 B2 20060315; JP H1040779 A 19980213; US 5834996 A 19981110

DOCDB simple family (application)

EP 97106350 A 19970417; DE 59705433 T 19970417; JP 10212397 A 19970418; US 84339897 A 19970415