

Title (en)
ELECTROMECHANICAL REMOTE SWITCH

Title (de)
ELEKTROMECHANISCHER FERNSCHALTER

Title (fr)
INTERRUPTEUR ELECTROMECHANIQUE COMMANDE A DISTANCE

Publication
EP 1282907 B1 20041006 (DE)

Application
EP 01931188 A 20010510

Priority
• AT 0100137 W 20010510
• AT 8232000 A 20000511

Abstract (en)
[origin: WO0186682A2] The invention relates to an electromechanical remote switch, comprising at least one fixed contact (1) and a monostable movable contact (2), co-operating therewith, arranged on a slide (7) and which may be displaced by the above relative to the fixed contact (2). The invention further relates to a magnet system (8) with an energising coil (9) and an armature (10) which may be displaced by the above and which is coupled to the slide (7), said slide (7) being retained in a first switch position by means of a return spring (20). For bistable operation of the contacts a slot (15) is provided in the surface of the slide (7) and a pin (16) engages in said slot (15) and is fixed to a rocker (17), which is pivotably mounted parallel to the slide surface comprising the slot (15).

IPC 1-7
H01H 51/08

IPC 8 full level
H01H 50/54 (2006.01); **H01H 51/08** (2006.01); **H01H 3/00** (2006.01); **H01H 11/00** (2006.01); **H01H 13/56** (2006.01); **H01H 50/16** (2006.01); **H01H 50/24** (2006.01); **H01H 50/42** (2006.01); **H01H 50/64** (2006.01)

CPC (source: EP)
H01H 50/546 (2013.01); **H01H 51/08** (2013.01); **H01H 3/001** (2013.01); **H01H 11/0006** (2013.01); **H01H 13/564** (2013.01); **H01H 50/163** (2013.01); **H01H 50/24** (2013.01); **H01H 50/42** (2013.01); **H01H 50/641** (2013.01); **H01H 2013/566** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0186682 A2 20011115; **WO 0186682 A3 20020912**; **WO 0186682 A8 20040415**; AT 412433 B 20050225; AT A8232000 A 20040715; AT E323945 T1 20060515; AU 2001258023 B2 20041014; AU 5802301 A 20011120; CN 100370566 C 20080220; CN 100380555 C 20080409; CN 1227695 C 20051116; CN 1441955 A 20030910; CN 1702797 A 20051130; CN 1702798 A 20051130; CZ 20023634 A3 20030618; DE 50103998 D1 20041111; DE 50109116 D1 20060427; DE 50109574 D1 20060524; EE 05143 B1 20090216; EE 200200630 A 20040415; EE 200900005 A 20090415; EE 200900006 A 20090415; EP 1282907 A2 20030212; EP 1282907 B1 20041006; EP 1394831 A2 20040303; EP 1394831 A3 20040317; EP 1394831 B1 20060301; EP 1394832 A2 20040303; EP 1394832 A3 20040317; EP 1394832 B1 20060419; ES 2233631 T3 20050616; ES 2262936 T3 20061201; HK 1053388 A1 20031017; HK 1083564 A1 20060707; HR P20020891 A2 20050228; HR P20020891 B1 20090630; HU P0302109 A2 20030929; IL 152644 A0 20030624; NO 20025359 D0 20021108; NO 20025359 L 20030108; NO 323956 B1 20070723; PL 198250 B1 20080630; PL 199094 B1 20080829; PL 199095 B1 20080829; PL 365521 A1 20050110; SK 15642002 A3 20030805; SK 287728 B6 20110706; ZA 200208773 B 20030516

DOCDB simple family (application)
AT 0100137 W 20010510; AT 03026711 T 20010510; AT 8232000 A 20000511; AU 2001258023 A 20010510; AU 5802301 A 20010510; CN 01812679 A 20010510; CN 200510060149 A 20010510; CN 200510060150 A 20010510; CZ 20023634 A 20010510; DE 50103998 T 20010510; DE 50109116 T 20010510; DE 50109574 T 20010510; EE P200200630 A 20010510; EE P200900005 A 20010510; EE P200900006 A 20010510; EP 01931188 A 20010510; EP 03026496 A 20010510; EP 03026711 A 20010510; ES 01931188 T 20010510; ES 03026711 T 20010510; HK 03105668 A 20030807; HK 06103431 A 20060317; HR P20020891 A 20021111; HU P0302109 A 20010510; IL 15264401 A 20010510; NO 20025359 A 20021108; PL 36552101 A 20010510; PL 38279101 A 20010510; PL 38279201 A 20010510; SK 15642002 A 20010510; ZA 200208773 A 20021030