

Title (en)
Automatic circuit breaker

Title (de)
Selbstschalter

Title (fr)
Interrupteur automatique

Publication
EP 0577586 B1 19970730 (DE)

Application
EP 93890124 A 19930621

Priority
AT 131992 A 19920629

Abstract (en)
[origin: EP0577586A1] An automatic circuit breaker has a moving switching link (5) on which a supporting lug (4) is arranged which can pivot with respect thereto. The supporting lug (4) supports a latch bearing (6) and a latch (3) (which can be latched to one another) such that they can pivot. The latch (3) is coupled to an operating knob (1) via a clip (bracket) (2). The bearing (7) for the latch (3) on the supporting lug (4) can be used to operate a contact position indicator (8) and a further switching link. The supporting lug (4) improves the tripping behaviour of the automatic circuit breaker, since the latch bearing (6) and the latch (3) are not mounted directly on the switching link (5), so that the switching link (5) is relieved of load. <IMAGE>

IPC 1-7
H01H 71/52

IPC 8 full level
H01H 73/48 (2006.01); **H01H 71/40** (2006.01); **H01H 71/52** (2006.01); **H01H 71/04** (2006.01)

CPC (source: EP)
H01H 71/526 (2013.01); **H01H 71/04** (2013.01)

Cited by
DE19919417A1; US7132912B2; DE19919420A1; EP1146534A1; DE10205311A1; DE10205311B4; EP4254462A3; DE102014106015A1

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EP 0577586 A1 19940105; EP 0577586 B1 19970730; AT 404648 B 19990125; AT A131992 A 19980515; AT E156304 T1 19970815; AU 4157993 A 19940106; AU 672203 B2 19960926; CN 1031966 C 19960605; CN 1081785 A 19940209; CZ 125793 A3 19940713; CZ 283475 B6 19980415; DE 59306994 D1 19970904; DK 0577586 T3 19971006; ES 2107000 T3 19971116; GR 3024584 T3 19971231; GR 940300029 T1 19940531; HU 217733 B 20000428; HU 9301861 D0 19930928; HU T67507 A 19950428; MY 114513 A 20021130; PL 170273 B1 19961129; PL 299448 A1 19940110; SK 282149 B6 20011106; SK 67493 A3 19940112; TN SN93069 A1 19940317

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