

Title (en)  
Monophase circuit breaker

Title (de)  
Einphasiger Schutzschalter

Title (fr)  
Disjoncteur unipolaire

Publication  
**EP 0890968 A3 19991117 (DE)**

Application  
**EP 98890179 A 19980624**

Priority  
AT 119097 A 19970710

Abstract (en)  
[origin: EP0890968A2] The safety switch has a switching mechanism (2) which can be activated at least by an overload trigger element (2). At least one, pref. Two, further switches can be coupled to the first switch so that an overload on one switch causes isolation by all switches. A current range setting device contains an actuation element and an associated current scale. A wedge-shaped adjustment element (4) between the overload trigger element and a yoke (3) acting on the switching mechanism is permanently attached to an intermediate guide part (6) via an elastically flexible spring (13). The guide part is mounted in the switch housing so as to be movable in the working direction of the overload protection element.

IPC 1-7  
**H01H 71/10**; **H01H 71/74**

IPC 8 full level  
**H01H 71/10** (2006.01); **H01H 71/74** (2006.01)

CPC (source: EP)  
**H01H 71/1009** (2013.01); **H01H 71/7427** (2013.01); **H01H 71/7445** (2013.01)

Citation (search report)  
• [DA] EP 0338250 A2 19891025 - SURSUM ELEKTRIZITAET [DE]  
• [A] US 3943477 A 19760309 - KIDD ALAN LISTER, et al

Cited by  
EP1372178A1; FR2894382A1

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

DOCDB simple family (publication)  
**EP 0890968 A2 19990113**; **EP 0890968 A3 19991117**; **EP 0890968 B1 20041103**; AR 010930 A1 20000712; AT 405111 B 19990525; AT A119097 A 19980915; AT E281695 T1 20041115; AU 731133 B2 20010322; AU 7396598 A 19990121; CN 1110831 C 20030604; CN 1205536 A 19990120; CZ 207598 A3 19990616; CZ 295513 B6 20050817; DE 59812199 D1 20041209; ES 2231955 T3 20050516; HK 1017944 A1 19991203; HU 222298 B1 20030628; HU 9801453 D0 19980828; HU P9801453 A2 19990428; HU P9801453 A3 20000529; MY 116194 A 20031128; PL 187471 B1 20040730; PL 327001 A1 19990118; SK 284936 B6 20060202; SK 90998 A3 19990211; TN SN98131 A1 20001229

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**EP 98890179 A 19980624**; AR P980103358 A 19980710; AT 119097 A 19970710; AT 98890179 T 19980624; AU 7396598 A 19980630; CN 98115470 A 19980709; CZ 207598 A 19980629; DE 59812199 T 19980624; ES 98890179 T 19980624; HK 99102779 A 19990630; HU P9801453 A 19980625; MY PI19983126 A 19980709; PL 32700198 A 19980624; SK 90998 A 19980701; TN SN98131 A 19980710