

Title (en)

CIRCUIT BREAKER, FOR EXAMPLE AUTOMATIC CUTOUT

Title (de)

SCHUTZSCHALTEINRICHTUNG, BEISPIELSWEISE LEITUNGSSCHUTZSCHALTER

Title (fr)

UNITE COUPE-CIRCUIT, PAR EXEMPLE DISJONCTEUR DE PROTECTION

Publication

EP 1173868 A1 20020123 (DE)

Application

EP 00929304 A 20000417

Priority

- DE 0001198 W 20000417
- DE 19919420 A 19990428

Abstract (en)

[origin: WO0067278A1] The invention relates to a circuit breaker, for example an automatic cutout, whose switch latch can be unlatched between a manual command organ (10) and at least one movable contact arm (1) at a latching position between a latch (6) and a trip lever (5) by means of a trip element. According to the invention, the movable contact arm (1) is accommodated in a link (2) that encloses the same on both sides on a first pin bearing (3) in a movable and rotatable manner. Said pin bearing (3) also accommodates the latch (6) off-center and the link (2) has a further pin bearing (4) on both sides. The trip lever (5) is mounted off-center on said pin bearing (4) in a stationary and rotatable manner. The link (2) and the movable contact arm (1), if it does not rest on a stationary contact (7), swivel about said pin bearing. The first pin bearing (3) restricts the cutout travel of the contact arm (1).

IPC 1-7

H01H 71/52; **H01H 73/04**

IPC 8 full level

H01H 71/52 (2006.01); **H01H 73/04** (2006.01); **H01H 71/04** (2006.01)

CPC (source: EP)

H01H 71/526 (2013.01); **H01H 71/04** (2013.01); **H01H 2300/048** (2013.01)

Citation (search report)

See references of WO 0067278A1

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)

WO 0067278 A1 20001109; AT E228267 T1 20021215; BR 0010136 A 20020122; CN 1210747 C 20050713; CN 1358321 A 20020710; DE 19919420 A1 20001102; DE 50000796 D1 20030102; EP 1173868 A1 20020123; EP 1173868 B1 20021120; ES 2187469 T3 20030616; TR 200103118 T2 20020422

DOCDB simple family (application)

DE 0001198 W 20000417; AT 00929304 T 20000417; BR 0010136 A 20000417; CN 00809548 A 20000417; DE 19919420 A 19990428; DE 50000796 T 20000417; EP 00929304 A 20000417; ES 00929304 T 20000417; TR 200103118 T 20000417