

Title (en)
CIRCUIT BREAKER FOR FAULT AND CONDUCTION CURRENT PROTECTION

Publication
EP 0231732 B1 19900718 (DE)

Application
EP 86890307 A 19861110

Priority
AT 350485 A 19851202

Abstract (en)
[origin: EP0231732A2] 1. Fault-current and line protection circuit breaker with a switch for a neutral conductor, in which the movable switching bridge of the line protection circuit breaker located in one housing part is connected to the movable contact arm of the switch for the neutral conductor received in a further housing part, by way of a slide (7) guided on an intermediate wall of the housing, characterised in that associated with the permanent magnet tripping device (2) of the fault current circuit breaker is a lever (8) mounted to tilt in the housing, the tripping pin (9) of the permanent magnet tripping device (2) bearing against one end (11) of the lever (8) and, in the "on" position of the switch, the other end (12) of the lever (8) being locked to a spring-loaded (17) actuating member (14), which comprises a pin (18) associated with the spring rest of the line protection circuit breaker and that provided on the slide (7) is a pin (19), which tilts the actuating member (14) against the force of the spring (17) associated therewith when the contact arm (6) of the switch for the neutral conductor in its closed position is tilted into the correct position for locking to the lever (8) associated with the permanent magnet tripping device (2).

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H01H 83/04

IPC 8 full level
H01H 71/04 (2006.01); **H01H 83/04** (2006.01); **H01H 71/00** (2006.01); **H01H 71/10** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP)
H01H 71/04 (2013.01); **H01H 83/04** (2013.01); **H01H 71/002** (2013.01); **H01H 71/1072** (2013.01); **H01H 83/226** (2013.01); **H01H 2083/045** (2013.01)

Cited by
EP1562210A3; EP1492140A1; EP0452230A1; FR2660794A1; EP0632477A3; EP0451481A3; EP0456586A1; FR2662019A1; EP4068328A4; EP0685867A1; FR2720548A1; EP3621097A1; CN110880441A; US10692678B2; EP2037477A1; FR2920911A1; EP4064314A1; FR3121270A1; EP4089707A4; EP4089710A4

Designated contracting state (EPC)
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EP 0231732 A2 19870812; EP 0231732 A3 19890823; EP 0231732 B1 19900718; AT 384120 B 19871012; AT 384906 B 19880125; AT 384907 B 19880125; AT A255886 A 19870615; AT A255986 A 19870615; AT A350485 A 19870215; AU 589715 B2 19891019; AU 6601986 A 19870604; DE 3672810 D1 19900823; DK 163616 B 19920316; DK 163616 C 19920817; DK 576686 A 19870603; DK 576686 D0 19861201; ES 2017472 B3 19910216; FI 84411 B 19910815; FI 84411 C 19911125; FI 864902 A0 19861201; FI 864902 A 19870603; NO 169513 B 19920323; NO 169513 C 19920701; NO 864823 D0 19861201; NO 864823 L 19870603

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