

Title (en)
Tripping device

Title (de)
Auslösevorrichtung

Title (fr)
Dispositif de déclenchement

Publication
EP 1033737 A1 20000906 (EN)

Application
EP 00200582 A 20000221

Priority
IT MI990438 A 19990304

Abstract (en)
A tripping device for opening the contacts of a circuit breaker associated therewith following the detection of a residual current exceeding a preset limit by a detecting device, comprising an enclosure for containing and supporting a kinematic mechanism which has: an actuation lever and a tripping lever, which are geometrically coupled to each other and are both pivoted on a first pivot of the enclosure, the actuation lever being operatively connected to an actuator which is actuated by the detecting device; an indicator lever, with which an actuation spring is associated, and a transmission lever, said indicator and transmission levers being mutually operatively coupled and being both pivoted on a second pivot of the enclosure, said transmission lever having a coupling pivot for coupling to the kinematic system of the associated circuit breaker; an engagement lever, which is geometrically coupled to the indicator lever and is detachably connected to the tripping lever. <IMAGE>

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H01H 71/52

IPC 8 full level
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CPC (source: EP)
H01H 71/52 (2013.01); **H01H 83/22** (2013.01); **H01H 71/0214** (2013.01); **H01H 71/0221** (2013.01)

Citation (search report)
• [A] EP 0657909 A1 19950614 - HAGER ELECTRO [FR]
• [A] EP 0444010 A2 19910828 - FELTEN & GUILLEAUME AG OESTER [AT]

Cited by
CN111712897A; EP1480242A3

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 1033737 A1 20000906; **EP 1033737 B1 20031126**; AR 022813 A1 20020904; AT E255274 T1 20031215; BR 0004136 A 20010109; CN 1205640 C 20050608; CN 1266271 A 20000913; DE 60006730 D1 20040108; DE 60006730 T2 20040930; IT 1311069 B1 20020228; IT MI990438 A1 20000904; JP 2000268695 A 20000929; MX PA00002238 A 20020308

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EP 00200582 A 20000221; AR P000100929 A 20000302; AT 00200582 T 20000221; BR 0004136 A 20000303; CN 00103848 A 20000303; DE 60006730 T 20000221; IT MI990438 A 19990304; JP 2000060942 A 20000306; MX PA00002238 A 20000303