

Title (en)
RESIDUAL CURRENT OPERATED CIRCUIT BREAKER

Title (de)
FEHLERSTROMSCHUTZSCHALTER

Title (fr)
DISJONCTEUR DIFFÉRENTIEL

Publication
EP 3385974 A1 20181010 (EN)

Application
EP 18165872 A 20180405

Priority
CN 201710221946 A 20170406

Abstract (en)
The present invention provides a residual current operated circuit breaker (100). The circuit breaker comprises: a housing (10); an electromagnetic trip apparatus and an arc extinguishing apparatus; a first operating mechanism and a second operating mechanism; a leakage trip apparatus; a first terminal assembly (71), with an installation gap being provided on one side of an installation housing, the first terminal assembly being capable of running through the installation gap and being clamped in a space formed by the first housing and the second housing; a second terminal assembly (72), being accommodated in the first accommodating chamber; a third terminal assembly (51), being accommodated in the second accommodating chamber; a flexible conductor assembly having a contact opening/closing function, being accommodated in the second accommodating chamber. A product of the residual current operated circuit breaker according to the present invention has a better protection function, a housing has a more compact structural layout, and a process of product installation and wiring is more convenient and reliable.

IPC 8 full level
H01H 83/22 (2006.01); **H01H 71/02** (2006.01); **H01H 71/08** (2006.01); **H01H 71/40** (2006.01)

CPC (source: CN EP)
H01H 71/0207 (2013.01 - CN); **H01H 71/08** (2013.01 - CN); **H01H 83/226** (2013.01 - EP); **H01H 71/002** (2013.01 - EP); **H01H 71/0221** (2013.01 - EP); **H01H 71/08** (2013.01 - EP); **H01H 71/40** (2013.01 - EP); **H01H 71/526** (2013.01 - EP)

Citation (search report)

- [Y] EP 2242077 A2 20101020 - GEN ELECTRIC [US]
- [Y] EP 2506283 A1 20121003 - GEN ELECTRIC [US]
- [A] CN 102760622 A 20121031 - WENJIE LI

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EP3726560A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3385974 A1 20181010; **EP 3385974 B1 20240214**; CN 108695115 A 20181023; CN 108695115 B 20200526

DOCDB simple family (application)
EP 18165872 A 20180405; CN 201710221946 A 20170406