

Title (en)

Residual current device for an electric circuit breaker

Title (de)

Differentialschutzblock für einen elektrischen Schalter

Title (fr)

Bloc de protection différentielle pour un interrupteur électrique

Publication

**EP 2019407 A1 20090128 (EN)**

Application

**EP 07425475 A 20070726**

Priority

EP 07425475 A 20070726

Abstract (en)

The residual current device (2; 200) associable to an electric circuit-breaker (1), the residual current device (2;200) comprising: - interconnection electric terminals (22) suitable to establish, by co-operating with respective electric terminals of the circuit-breaker (1) that are accessible through a first face (6) of the latter, an electrical connection between the device (2;200) and the electric circuit-breaker (1); and - mechanical coupling means (15,16) suitable to allow a mechanical interaction between the device (2;200) and the circuit-breaker (1) through a second face (12) perpendicular to said first face (6). The device (2;200) comprises first (20,21;221) and second (24;220) parts, which are pivotally connected to each other and carry said interconnection electric terminals (22) and said mechanical coupling means (15,16), respectively.

IPC 8 full level

**H01H 83/22** (2006.01)

CPC (source: EP)

**H01H 83/226** (2013.01); **H01H 71/082** (2013.01)

Citation (search report)

- [DA] EP 0806784 B1 20031112 - FELTEN & GUILLEAUME AG OESTER [AT]
- [A] EP 0649158 A1 19950419 - MERLIN GERIN [FR]

Cited by

CN103165350A; US9899807B2; EP2897151A1; FR3016730A1; WO2016078798A1; WO2016083940A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 2019407 A1 20090128**; **EP 2019407 B1 20100602**; AT E470232 T1 20100615; CN 101354988 A 20090128; CN 101354988 B 20121121; DE 602007006940 D1 20100715; ES 2347089 T3 20101025; PL 2019407 T3 20101029; RU 2008130813 A 20100127; RU 2464667 C2 20121020

DOCDB simple family (application)

**EP 07425475 A 20070726**; AT 07425475 T 20070726; CN 200810097858 A 20080519; DE 602007006940 T 20070726; ES 07425475 T 20070726; PL 07425475 T 20070726; RU 2008130813 A 20080725