

Title (en)

Modular electric protection device comprising an additional electric function such as the differential protection function

Title (de)

Modulares elektrisches Schutzgerät, das über eine zusätzliche elektrische Funktion wie etwa eine Differentialschutzfunktion verfügt

Title (fr)

Appareil de protection électrique modulaire comportant une fonction électrique complémentaire telle la fonction protection différentielle

Publication

EP 2073240 B1 20130320 (FR)

Application

EP 08354085 A 20081119

Priority

FR 0708916 A 20071220

Abstract (en)

[origin: EP2073240A1] The apparatus i.e. phase/neutral differential circuit breaker (14), has a contact actuating mechanism (19) including an electromagnetic triggering unit provided with an electromagnetic actuator. An additional volume (20) houses electronic components performing a complementary electrical function e.g. differential function. The components supplied by low voltage are regrouped at the interior of the volume in a manner to be found at the proximity of the actuator. Electronic signal processing components are regrouped and placed at a gap of the electronic components.

IPC 8 full level

H01H 83/22 (2006.01)

CPC (source: EP)

H01H 83/226 (2013.01); **H01H 71/0207** (2013.01); **H01H 71/025** (2013.01); **H01H 71/0271** (2013.01)

Cited by

EP3188211A1; CN109300748A; CN109148229A; FR3046289A1; RU2719326C2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2073240 A1 20090624; **EP 2073240 B1 20130320**; AU 2008261117 A1 20090709; AU 2008261117 B2 20120809; CN 101465249 A 20090624; CN 101465249 B 20150513; ES 2404556 T3 20130528; FR 2925756 A1 20090626; FR 2925756 B1 20100226

DOCDB simple family (application)

EP 08354085 A 20081119; AU 2008261117 A 20081218; CN 200810184185 A 20081219; ES 08354085 T 20081119; FR 0708916 A 20071220