

Title (en)

Protective switch assembly and protective switch device

Title (de)

Schutzschalteinrichtung und Schutzschaltgerät

Title (fr)

Dispositif de commutation de sécurité et appareil de commutation de sécurité

Publication

**EP 2048685 B1 20150520 (DE)**

Application

**EP 08164855 A 20080923**

Priority

DE 102007048412 A 20071009

Abstract (en)

[origin: EP2048685A2] The breaker has a switching device (2) for switching an electrical contact. A short-circuit triggering device (3) triggers the switching device in the event of a short circuit. A fault current triggering device (5) triggers the switching device in the event of a fault current and/or a differential current. The devices (2, 3, 5) are consecutively arranged in a longitudinal alignment. A test circuit device (6) is arranged adjacent to the device (5). The breaker is narrowly formed such that it is arranged in a housing of a power circuit breaker (1) with a maximum breadth of 18 millimeter.

IPC 8 full level

**H01H 71/02** (2006.01); **H01H 83/22** (2006.01); **H01H 83/04** (2006.01)

CPC (source: EP)

**H01H 71/0207** (2013.01); **H01H 83/226** (2013.01); **H01H 83/04** (2013.01)

Citation (examination)

- EP 0505292 A1 19920923 - MERLIN GERIN [FR]
- EP 0403358 A1 19901219 - HAGER ELECTRO [FR]

Cited by

DE102023104115A1; FR3133267A1

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 2048685 A2 20090415**; **EP 2048685 A3 20130227**; **EP 2048685 B1 20150520**; CN 101409181 A 20090415; CN 101409181 B 20130327; DE 102007048412 A1 20090423

DOCDB simple family (application)

**EP 08164855 A 20080923**; CN 200810161852 A 20081009; DE 102007048412 A 20071009