

Title (en)

Earth fault currents protection device

Title (de)

Fehlerstromschutzschaltvorrichtung

Title (fr)

Dispositif de protection contre des courants de défaut

Publication

EP 1562212 B1 20090826 (DE)

Application

EP 04106671 A 20041217

Priority

DE 102004005985 A 20040206

Abstract (en)

[origin: EP1562212A2] The device has a first current path (3a) for the useful current, a second (3b) for returning the useful current and a test device with an electrical resistance (5) with which the first and second current paths are electrically connected. The test device has an electrical connecting line (1) with one end configured as a spring contact element so that the electrical connection between the first current path and the second current path can be made by overcoming the corresponding spring force.

IPC 8 full level

H01H 83/04 (2006.01)

CPC (source: EP)

H01H 83/04 (2013.01); **H01H 2083/045** (2013.01)

Citation (examination)

- EP 0557214 A1 19930825 - MERLIN GERIN [FR]
- EP 0094859 A1 19831123 - MERLIN GERIN [FR]

Cited by

EP2816583A1; CN106783421A; CN107086161A; CN101901729A; CN105510818A; ITMI20131033A1; CN104241037A; WO2023236983A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1562212 A2 20050810; EP 1562212 A3 20060621; EP 1562212 B1 20090826; DE 102004005985 A1 20050908;
DE 502004009961 D1 20091008

DOCDB simple family (application)

EP 04106671 A 20041217; DE 102004005985 A 20040206; DE 502004009961 T 20041217