

Title (en)

Short-circuit device to be used in low and medium voltage arrangements

Title (de)

Kurzschliesseinrichtung für den Einsatz- in Nieder- und Mittelspannungsanlagen

Title (fr)

Dispositif de court-circuit pour utilisation dans des arrangements de basse et moyenne tension

Publication

EP 1458072 B1 20080116 (DE)

Application

EP 04001251 A 20040121

Priority

- DE 10310556 A 20030311
- DE 10313045 A 20030324

Abstract (en)

[origin: EP1458072A1] The short-circuit device (3) has a switch element responding to a release signal for operation of a fault recognition device, received between a pair of current electrodes. The switch element is provided by a triggerable overvoltage protection device responding to a current or voltage pulse and destroyed in the event of a fault. At least one of its electrodes is mechanically pre-stressed for movement in the direction of the other electrode to provide a short-circuit, the electrodes held apart by the overvoltage protection device. An independent claim for an operating method for a short-circuit device is also included.

IPC 8 full level

H01T 2/02 (2006.01); **H01H 79/00** (2006.01); **H01T 4/10** (2006.01)

CPC (source: EP)

H01H 79/00 (2013.01); **H01T 2/02** (2013.01); **H01T 4/10** (2013.01); **H01T 15/00** (2013.01)

Cited by

CN104272539A; EP4339989A1; EP2677524A1; US11723145B2; US11862967B2; WO2013190338A1; US8743525B2; US10685767B2; US10340110B2; US10679814B2; US11223200B2; US10447026B2; US11374396B2; US11881704B2; US9906017B2; US10340688B2; US11990745B2; WO2013014167A1; WO2018019384A1; US10319545B2; US10707678B2; US10734176B2; US11165246B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1458072 A1 20040915; **EP 1458072 B1 20080116**; AT E384349 T1 20080215; DE 502004005936 D1 20080306; ES 2300666 T3 20080616

DOCDB simple family (application)

EP 04001251 A 20040121; AT 04001251 T 20040121; DE 502004005936 T 20040121; ES 04001251 T 20040121