

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

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DOCDB simple family (publication)

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