

Title (en)

Device for protecting against voltage surges with mobile contact comprising selective disconnection means

Title (de)

Vorrichtung zum Schutz gegen Überspannungen mit Unterbrecherkontakt, der selektive Unterbrechungsmittel umfasst

Title (fr)

Dispositif de protection contre les surtensions à contact mobile comprenant des moyens de déconnexion sélectifs

Publication

**EP 1953787 B1 20160810 (FR)**

Application

**EP 08354006 A 20080124**

Priority

FR 0700708 A 20070201

Abstract (en)

[origin: EP1953787A2] The device (1) has an actuating mechanism (7) displacing a mobile arc switching electrode (60) to open electric contacts (4, 6). A thermal disconnecter (9) e.g. protective fuse, is connected in series between the electrode and a connecting lug (51). The disconnecter is disabled when an electric arc (100) is switched between connecting electrodes (40, 50). The disconnecter is passed from a closed electrical state to an open electric state when electrical short-circuit alternating current is passed into the disconnecter, where energy of current is lower than an energetic triggering threshold.

IPC 8 full level

**H01H 83/10** (2006.01); **H02H 9/04** (2006.01); **H01H 9/14** (2006.01); **H01H 9/46** (2006.01)

CPC (source: EP US)

**H01H 9/465** (2013.01 - EP US); **H01H 83/10** (2013.01 - EP US); **H01H 9/14** (2013.01 - EP US); **H01H 2071/044** (2013.01 - EP US)

Cited by

CN103198985A; EP2278605A1; FR2948490A1; IT202100028448A1

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 1953787 A2 20080806; EP 1953787 A3 20111012; EP 1953787 B1 20160810**; AR 065122 A1 20090520; AU 2008200476 A1 20080821; AU 2008200476 B2 20101125; BR PI0800086 A 20080916; BR PI0800086 B1 20180918; CN 101236864 A 20080806; CN 101236864 B 20120926; ES 2602109 T3 20170217; FR 2912253 A1 20080808; FR 2912253 B1 20090306; RU 2008103879 A 20090810; RU 2446502 C2 20120327; US 2008186643 A1 20080807; ZA 200800238 B 20090429

DOCDB simple family (application)

**EP 08354006 A 20080124**; AR P080100411 A 20080131; AU 2008200476 A 20080131; BR PI0800086 A 20080131; CN 200810004987 A 20080131; ES 08354006 T 20080124; FR 0700708 A 20070201; RU 2008103879 A 20080131; US 765908 A 20080114; ZA 200800238 A 20080109