

Title (en)

Device for protecting against voltage surges with a mobile electrode with system for unlocking the disconnection device

Title (de)

Vorrichtung zum Schutz gegen Überspannungen mit beweglicher Elektrode und Entriegelungssystem der Verbindungsunterbrechungsvorrichtung

Title (fr)

Dispositif de protection contre les surtensions à électrode mobile avec système de deverrouillage du dispositif de déconnexion

Publication

**EP 1953788 B1 20100224 (FR)**

Application

**EP 08354007 A 20080124**

Priority

FR 0700707 A 20070201

Abstract (en)

[origin: EP1953788A1] The device (1) has a disconnection device placed in series with a surge suppressor, where the disconnection device includes electrical contacts (4, 6). The device has an actuating mechanism (7) for actuating opening of the contacts. The suppressor is electrically connected to connection lugs (41, 51) by fusible connections (8, 9). A driving unit (10) e.g. helical spring, exerts displacement force (Fd) for displacing the suppressor in case of fusion of the connections. The displacement of the suppressor acts directly on the actuating mechanism and provokes permanent opening of the contacts.

IPC 8 full level

**H01H 83/10** (2006.01)

CPC (source: EP)

**H01H 83/10** (2013.01); **H01H 9/14** (2013.01); **H01H 9/465** (2013.01); **H01H 37/761** (2013.01); **H01H 2071/044** (2013.01)

Cited by

AU2011338139B2; EP2096657A1; FR2928026A1; US8766760B2; US8009401B2; WO2012100793A1

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 1953788 A1 20080806; EP 1953788 B1 20100224**; AT E459089 T1 20100315; CN 101277013 A 20081001; CN 101277013 B 20120704; DE 602008000677 D1 20100408; ES 2338830 T3 20100512; FR 2912252 A1 20080808; FR 2912252 B1 20090306

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**EP 08354007 A 20080124**; AT 08354007 T 20080124; CN 200810004992 A 20080131; DE 602008000677 T 20080124; ES 08354007 T 20080124; FR 0700707 A 20070201