

Title (en)

Device for protecting against voltage surges comprising selective disconnection means

Title (de)

Vorrichtung zum Schutz gegen Überspannungen, die selektive Unterbrechungsmittel umfasst

Title (fr)

Dispositif de protection contre les surtensions comprenant des moyens de déconnexion selectifs

Publication

**EP 2096657 B1 20140702 (FR)**

Application

**EP 09354003 A 20090123**

Priority

FR 0801072 A 20080227

Abstract (en)

[origin: EP2096657A1] The device (1) has an overvoltage limiter (2) connected to a thermal disconnecter (9) that is disabled when an electric arc is switched between connection electrodes (40, 50). Disjunction of the disconnecter is realized when the electric arc is crossed by short-circuit continuous or alternating electric currents having energy below releasing energetic threshold, where the releasing energetic threshold corresponds to threshold beyond which electric current of lightning waves cause permanent opening of electric contacts (30, 31) of a disconnection device (3).

IPC 8 full level

**H01H 83/10** (2006.01); **H01H 71/20** (2006.01)

CPC (source: EP US)

**H01H 83/10** (2013.01 - EP US); **H01H 71/20** (2013.01 - EP US)

Cited by

CN112908797A; FR2954579A1; CN102763187A; WO2011073540A1; DE202014002496U1; DE202014003832U1; US10014098B2; DE102011018556A1; WO2012110135A1; DE202011110468U1; US9172236B2

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2096657 A1 20090902**; **EP 2096657 B1 20140702**; BR PI0900690 A2 20090613; BR PI0900690 B1 20190430; CN 101521128 A 20090902; CN 101521128 B 20131106; ES 2496668 T3 20140919; FR 2928026 A1 20090828; FR 2928026 B1 20110819; US 2009213518 A1 20090827; US 8009401 B2 20110830

DOCDB simple family (application)

**EP 09354003 A 20090123**; BR PI0900690 A 20090226; CN 200910006791 A 20090227; ES 09354003 T 20090123; FR 0801072 A 20080227; US 37927209 A 20090218