

Title (en)

DEVICE FOR PROTECTING AGAINST SURGE VOLTAGES WITH ENHANCED THERMAL DISCONNECTOR

Title (de)

SCHUTZVORRICHTUNG GEGEN VORÜBERGEHENDE ÜBERLASTSPANNUNG MIT VERBESSERTEM THERMOABSCHALTER

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS TRANSITOIRES À DÉCONNECTEUR THERMIQUE AMÉLIORÉ

Publication

EP 2375425 B1 20190320 (FR)

Application

EP 11161605 A 20110408

Priority

FR 1052736 A 20100409

Abstract (en)

[origin: EP2375425A1] The device has two connection terminals (38, 48) connecting the device to an electrical installation. An overvoltage protection component i.e. varistor (30), is electrically connected to the terminals. A thermal disconnecter includes a conductor blade maintained in a position in which the blade assures electric connection between the component and one of the terminals. The disconnecter moves the blade in another position when temperature of the component exceeds a present threshold value in which the electric connection is open in the latter position. The blade and the terminal are formed as a single part.

IPC 8 full level

H01C 7/12 (2006.01); **H01H 37/76** (2006.01)

CPC (source: EP US)

H01C 7/126 (2013.01 - EP US); **H01H 37/761** (2013.01 - EP US)

Citation (examination)

- FR 2877156 A1 20060428 - SOULE PROT SURTENSIONS SA [FR]
- DE 102008031917 A1 20100114 - PHOENIX CONTACT GMBH & CO [DE]
- DE 102006042028 B3 20070927 - DEHN & SOEHNE [DE]
- WO 2006040418 A1 20060420 - SOULE PROTECTION SURTENSIONS [FR], et al

Cited by

EP3872831A1; FR3107781A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2375425 A1 20111012; **EP 2375425 B1 20190320**; CN 102254659 A 20111123; CN 102254659 B 20170301; FR 2958789 A1 20111014; FR 2958789 B1 20120511; US 2012086540 A1 20120412

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