

Title (en)

Device for protection against overvoltage with thermal disconnecter with double contact surface

Title (de)

Vorrichtung zum Schutz gegen Überspannungen mit Thermoschalter mit doppelter Kontaktfläche

Title (fr)

Dispositif de protection contre les surtensions avec déconnecteur thermique à double surface de contact

Publication

EP 1826793 B1 20110629 (FR)

Application

EP 07356028 A 20070223

Priority

FR 0601677 A 20060224

Abstract (en)

[origin: EP1826793A1] The device has a disconnecting unit (4) ensuring the disconnection of a varistor (3) from an electrical installation. The unit is recalled from a close configuration in which the varistor is connected to the installation to an open configuration in which the varistor is disconnected from the installation. A blocking unit (6) retains the unit (4) in the close configuration and has fusible elements, where the unit (4) has two contact surfaces secant with respect to each other. The elements adhere to the surfaces, respectively, when the unit (4) is in the close configuration. An independent claim is also included for a method of manufacturing an electrical installation protection device.

IPC 8 full level

H01H 37/76 (2006.01); **H01C 1/14** (2006.01); **H01T 1/14** (2006.01)

CPC (source: EP US)

H01C 7/126 (2013.01 - EP US); **H01H 37/764** (2013.01 - EP US); **H01T 1/14** (2013.01 - EP US); **H01H 2037/763** (2013.01 - EP US); **H01H 2037/768** (2013.01 - EP US)

Cited by

EP3171367A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1826793 A1 20070829; **EP 1826793 B1 20110629**; AT E515050 T1 20110715; CN 101039030 A 20070919; CN 101039030 B 20110420; ES 2368888 T3 20111123; FR 2897980 A1 20070831; US 2008019073 A1 20080124; US 7558041 B2 20090707

DOCDB simple family (application)

EP 07356028 A 20070223; AT 07356028 T 20070223; CN 200710085852 A 20070225; ES 07356028 T 20070223; FR 0601677 A 20060224; US 67845107 A 20070223