

Title (en)

Device for protecting against overvoltage with simplified manufacturing and increased reliability

Title (de)

Vorrichtung zum Schutz gegen Überspannungen mit vereinfachtem Aufbau und verbesserter Zuverlässigkeit

Title (fr)

Dispositif de protection contre les surtensions ayant une construction simplifiée et une fiabilité accrue

Publication

**EP 1830369 B1 20121128 (FR)**

Application

**EP 07356027 A 20070223**

Priority

FR 0601679 A 20060224

Abstract (en)

[origin: EP1830369A1] The device has a varistor (4) e.g. metal-oxide varistor, arranged within a housing (3) and including two poles (9, 10) and two faces (5, 6) from which the poles extend. A position maintaining unit maintains the varistor in position within the housing. The maintaining unit extends between an end towards which the unit is connected to a case (2) and another end towards which the unit is attached to the varistor. The unit is integrated to the pole (9) and extends, between the ends, outside a free space (18) situated to the right of each face. Independent claims are also included for the following: (1) a varistor disposed within a housing of an electrical installation protecting device (2) a method of manufacturing an electrical installation protecting device (3) a method of manufacturing a varistor disposed with a housing of an electrical installation protecting device.

IPC 8 full level

**H01C 7/12** (2006.01); **H01T 1/12** (2006.01); **H01T 1/14** (2006.01)

CPC (source: EP US)

**H01C 7/12** (2013.01 - EP US); **H01T 1/12** (2013.01 - EP US); **H01T 1/14** (2013.01 - EP US)

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 1830369 A1 20070905**; **EP 1830369 B1 20121128**; CN 101038806 A 20070919; CN 101038806 B 20120502; ES 2399654 T3 20130402; FR 2897990 A1 20070831; FR 2897990 B1 20080509; US 2007217112 A1 20070920

DOCDB simple family (application)

**EP 07356027 A 20070223**; CN 200710085853 A 20070225; ES 07356027 T 20070223; FR 0601679 A 20060224; US 67845807 A 20070223