

Title (en)

Improved protection device of electric apparatus against overvoltages

Title (de)

Verbesserte Schutzvorrichtung von elektrischen Apparaten gegen Überspannungen

Title (fr)

Dispositif perfectionné de protection d'appareils électriques contre des surtensions

Publication

EP 1650771 A1 20060426 (FR)

Application

EP 05292033 A 20050929

Priority

FR 0411269 A 20041022

Abstract (en)

The device has a heat sensitive interrupter (2) with a rigid mobile conducting part (21) having a metallic blank and an electrical junction zone (211) fixed on a contact pad (12) by a fuse (221). An electrical junction zone (212) is mounted in rotation on a terminal (42) of a varistor by a fuse (222). The pad has a tongue extending parallel to a rotation axis of the part, and a spring (3) activates the zone (211) remotely from the pad.

IPC 8 full level

H01C 7/12 (2006.01)

CPC (source: EP)

H01C 7/126 (2013.01); **H01H 37/764** (2013.01)

Citation (search report)

- [X] DE 9305796 U1 19930617
- [A] WO 9512893 A1 19950511 - FELTEN & GUILLEAUME AG OESTER [AT]
- [DA] US 3964010 A 19760615 - OKAZAKI TASUKU

Cited by

EP2194542A3; CZ304868B6; EP2980936A1; EP2602805A1; FR2984006A1; EP3376600A1; LU100141B1

Designated contracting state (EPC)

ES FR IT PL

DOCDB simple family (publication)

EP 1650771 A1 20060426; **EP 1650771 B1 20071107**; ES 2298968 T3 20080516; FR 2877154 A1 20060428; FR 2877154 B1 20061222; PL 1650771 T3 20080331

DOCDB simple family (application)

EP 05292033 A 20050929; ES 05292033 T 20050929; FR 0411269 A 20041022; PL 05292033 T 20050929