

Title (en)

DEVICE FOR PROTECTING ELECTRICAL EQUIPMENT AGAINST OVERVOLTAGES

Title (de)

GERÄT ZUM SCHUTZ GEGEN ÜBERSpannungen FÜR ELEKTRISCHE ANLAGEN

Title (fr)

APPAREIL DE PROTECTION CONTRE LES SURTENSIONS POUR INSTALLATIONS ÉLECTRIQUES

Publication

**EP 2038972 A1 20090325 (DE)**

Application

**EP 07764342 A 20070523**

Priority

- DE 2007000936 W 20070523
- DE 102006031229 A 20060706

Abstract (en)

[origin: DE102006031229B3] The device has a printed circuit board (8) arranged in enclosure upper and lower parts (1, 2), and safety strips (9) soldered at the board, where a separating slide (11) is guided at the board. Guiding parts are arranged at a base of the part (2), and screwed compression springs are arranged in the guiding parts. The part (2) has an insertion opening for the board on a side turned to the base. Enclosure side walls and/or the part (2) has contact areas for the board and locking pins (21) to secure a position of the board, where the walls and/or part (2) rests over a boundary edge of the board.

IPC 8 full level

**H01T 1/14** (2006.01); **H01T 4/06** (2006.01)

CPC (source: EP)

**H01T 1/14** (2013.01); **H01T 4/06** (2013.01)

Citation (search report)

See references of WO 2008003274A1

Cited by

FR3140489A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006031229 B3 20071206**; AT E463867 T1 20100415; CN 101479898 A 20090708; CN 101479898 B 20120627; DE 502007003413 D1 20100520; EP 2038972 A1 20090325; EP 2038972 B1 20100407; HK 1130573 A1 20091231; WO 2008003274 A1 20080110

DOCDB simple family (application)

**DE 102006031229 A 20060706**; AT 07764342 T 20070523; CN 200780023760 A 20070523; DE 2007000936 W 20070523; DE 502007003413 T 20070523; EP 07764342 A 20070523; HK 09108704 A 20090923