

Title (en)

OVERVOLTAGE SUPPRESSOR WITH A METAL OXIDE RESISTOR

Title (de)

ÜBERSpannungsableiter mit einem Metalloxid-Widerstand

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS COMPORTANT UNE RESISTANCE EN OXYDE METALLIQUE

Publication

EP 0673543 B1 19970319 (DE)

Application

EP 94900756 A 19931202

Priority

- DE 9301159 W 19931202
- DE 9217133 U 19921208

Abstract (en)

[origin: WO9414171A1] In an overvoltage suppressor with a multi-column arrangement of the metal oxide resistors within an insulating housing (1), each column (6) is to be made of resistance elements (64) in a mechanically self-supporting structure. To this end, the resistance elements (64) of each column are arranged between two holding plates (61, 62) interconnected by holding rods (63). The individual columns (6), called "modules", are arranged to be individually centred on a plate (4, 44) fitted at the lower end of the insulating housing (1).

IPC 1-7

H01C 7/12

IPC 8 full level

H01C 7/12 (2006.01)

CPC (source: EP US)

H01C 7/12 (2013.01 - EP US)

Cited by

DE102008034890A1; WO2010010067A1

Designated contracting state (EPC)

BE CH DE GB LI NL SE

DOCDB simple family (publication)

DE 9217133 U1 19930211; CA 2151130 A1 19940623; CA 2151130 C 19980526; DE 59305907 D1 19970424; EP 0673543 A1 19950927; EP 0673543 B1 19970319; JP H07509809 A 19951026; US 5596476 A 19970121; WO 9414171 A1 19940623

DOCDB simple family (application)

DE 9217133 U 19921208; CA 2151130 A 19931202; DE 59305907 T 19931202; DE 9301159 W 19931202; EP 94900756 A 19931202; JP 51365094 A 19931202; US 44669895 A 19950814