

Title (en)
Plug-in overvoltage protection device

Title (de)
Steckbarer Überspannungsschutz

Title (fr)
Dispositif enfichable de protection contre les surtensions

Publication
EP 0746071 B1 19980805 (DE)

Application
EP 96106189 A 19960419

Priority
DE 19519785 A 19950530

Abstract (en)
[origin: EP0746071A1] An array of diodes (12), two resistors (14) and a three-pole overvoltage diverter (16) are arranged on a circuit board (10) in a two-part housing (40). Plug-type zones (17) of the board are plugged into a row of contacts on a two-row connector moulding (42) with an earthing rail (44) into which the spring section (46) of an earth contact (19) is hooked. Between the earth contact and overvoltage diverter, two insulating sections (62, 64) of the thermoplastic protective element (18) are interposed. The element itself has two slightly concave sections and is spring-biased (36) to hold these in contact with the diverter.

IPC 1-7
H01T 1/14; **H01T 1/12**

IPC 8 full level
H01R 13/66 (2006.01); **H01T 1/12** (2006.01); **H01T 1/14** (2006.01); **H01T 4/08** (2006.01)

CPC (source: EP)
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