

Title (en)
VOLTAGE SURGE ARRESTER

Publication
EP 0163053 B1 19890104 (DE)

Application
EP 85103827 A 19850329

Priority
DE 3411735 A 19840330

Abstract (en)
[origin: EP0163053A1] 1. An arrester comprising a dissipating member (102; 202; 302) consisting of at least one metal oxide element and contained in a housing (110; 210; 310) which is structurally combined with a part of a plug-in connection which is adapted to be inserted from the outside into a corresponding part (124; 224; 324) of the plug-in connection which is provided on a bushing in the enclosure (125; 225; 325) of a switching system, and which, when the plug-in connection has been made, has the dissipating member (102; 202; 302) linked via the plug-in connection to a conductor (201) in the interior of the enclosure (125; 225; 325), characterised in that a) both the housing (110; 210; 310) of the dissipating member (102; 202; 302) which consists of zinc oxide and also that (116; 216; 316) of one part of the plug-in connection consist of metal, b) when the plug-in connection is made, the housing (116; 216; 316) of one part of the plug-in connection and via this housing that (110; 210; 310) of the dissipating member (102; 202; 302) is connected in electrically manner to the enclosure (125; 225; 325) which is at earth potential, and c) one part of the plug-in connection is provided with a connecting device (138; 243; 343) for a cable.

IPC 1-7
H01T 4/08; **H01T 4/20**; **H01C 7/12**

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H01C 7/12 (2006.01); **H01T 4/08** (2006.01); **H01T 4/20** (2006.01)

CPC (source: EP)
H01C 7/12 (2013.01); **H01T 4/08** (2013.01); **H01T 4/20** (2013.01)

Citation (examination)
• FR 2236253 A1 19750131 - SIEMENS AG [DE]
• DE 2247999 A1 19740404 - SIEMENS AG

Cited by
FR2629263A1; DE3815666A1; EP0259731B1

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