

Title (en)
OVERVOLTAGE DIVERTER AND METHOD OF MANUFACTURING IT

Publication
EP 0217021 B1 19900418 (DE)

Application
EP 86109758 A 19860716

Priority
CH 377485 A 19850902

Abstract (en)
[origin: US4805064A] A lightning arrester having two terminal fittings (3), at least one resistor core (1) which contacts with the latter and which is of voltage-dependent resistance material, and an insulating housing (5) closely surrounding the resistor core (1). A lightning arrester of the generic type is to be created which can be manufactured with relatively low energy expenditure, without additional assembly effort and by a simple process. This is achieved by the housing (5) consisting of a resin matrix with embedded filler, the filler making up over 80% by weight of the housing, and by the housing (5) surrounding at least one resistor core (1) and the region of the terminal fittings (3) contacting the latter. The housing (5) is produced by the setting of a cast moulding compound.

IPC 1-7
H01C 7/12

IPC 8 full level
H01C 7/10 (2006.01); **H01C 7/12** (2006.01)

CPC (source: EP US)
H01C 7/12 (2013.01 - EP US)

Cited by
EP0280116A3; EP0274674A1; US4833438A; AU592246B2

Designated contracting state (EPC)
CH DE FR LI SE

DOCDB simple family (publication)
EP 0217021 A1 19870408; **EP 0217021 B1 19900418**; DE 3670544 D1 19900523; JP 2509575 B2 19960619; JP S6254902 A 19870310; US 4805064 A 19890214

DOCDB simple family (application)
EP 86109758 A 19860716; DE 3670544 T 19860716; JP 20524286 A 19860902; US 89833986 A 19860820