

Title (en)

MANUFACTURING PROCESS FOR A LIGHTNING ARRESTER

Publication

EP 0281945 B1 19910508 (FR)

Application

EP 88103272 A 19880303

Priority

FR 8703049 A 19870306

Abstract (en)

[origin: US4825188A] The present invention relates to a method of manufacturing a lightning arrester (100) having two end fittings (2,20) at either end of a substantially cylindrical central core constituted by a stack of pellets (6, 7, 8) made of a varistor-type material and having holes therethrough whereby the pellets are threaded over a central rod (1) made of stratified material. The stack assembly is put into compression against the two facing faces of the end fittings (2, 20) by means of the rod (1), the space between the rod (1) and the pellets (6, 7, 8) is filled by casting or injecting an insulating material, with the assembly obtained in this way being perfectly rigid, and a coating (30) of an elastomer of the EPDM type is molded over the assembly, with the coating adhering perfectly to all of the surfaces of the core and of the end fittings which it covers.

IPC 1-7

H01C 7/12

IPC 8 full level

H01C 7/12 (2006.01); **H01T 1/16** (2006.01)

CPC (source: EP US)

H01C 7/12 (2013.01 - EP US); **Y10T 29/49002** (2015.01 - EP US)

Cited by

EP0406099A1; FR2649243A1; EP0445054A1; FR2659169A1; TR25323A; US5291366A; EP0388779A3; US5206780A

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0281945 A1 19880914; EP 0281945 B1 19910508; AT E63400 T1 19910515; AU 1257388 A 19880908; AU 595433 B2 19900329; BR 8800980 A 19881011; CA 1310811 C 19921201; DE 3862658 D1 19910613; ES 2022494 B3 19911201; GR 3002242 T3 19921230; JP 2647893 B2 19970827; JP S63228701 A 19880922; NO 169413 B 19920309; NO 169413 C 19920617; NO 880941 D0 19880303; NO 880941 L 19880907; US 4825188 A 19890425

DOCDB simple family (application)

EP 88103272 A 19880303; AT 88103272 T 19880303; AU 1257388 A 19880302; BR 8800980 A 19880307; CA 560654 A 19880304; DE 3862658 T 19880303; ES 88103272 T 19880303; GR 910400955 T 19910703; JP 4944688 A 19880302; NO 880941 A 19880303; US 16367688 A 19880303