

Title (en)
Arrester and manufacturing method thereof

Title (de)
Überspannungsableiter und Verfahren zu seiner Herstellung

Title (fr)
Limiteur de surtension et son procédé de fabrication

Publication
EP 1067565 A3 20020508 (EN)

Application
EP 00114655 A 20000707

Priority
JP 19634499 A 19990709

Abstract (en)
[origin: EP1067565A2] An arrester comprises at least one of non-linear resistors (1) mainly consisting of a zinc oxide, terminal electrodes (2) disposed to both end portions of the non-linear resistor (1) to be electrically conductive so as to construct an internal element (3), an insulative woven fabric (4) impregnated with an insulation resin which is hardened by being heated, the insulative woven fabric (4) being applied so as to surround the internal element (3), and a polymer resin integrally molded to the internal element (3) surrounded by the insulative woven fabric (4). The arrester is manufactured by conductively joining the terminal electrodes (2) to both end portions of the non-linear resistor (1), covering a surrounding of the internal element (3) with an insulative woven fabric (4), arranging the integrated internal element (3) in a mold, injecting a polymer resin mixed with a main liquid, a hardening agent and a coloring agent into the mold, and hardening the polymer resin in the mold so as to form an insulator. <IMAGE>

IPC 1-7
H01C 7/12

IPC 8 full level
H01C 7/12 (2006.01); **H01T 1/16** (2006.01); **H01T 4/04** (2006.01)

CPC (source: EP)
H01C 7/126 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1067565 A2 20010110; EP 1067565 A3 20020508; CA 2313743 A1 20010109; CN 1171246 C 20041013; CN 1280372 A 20010117; JP 2001023807 A 20010126; TW 493184 B 20020701

DOCDB simple family (application)
EP 00114655 A 20000707; CA 2313743 A 20000707; CN 00109810 A 20000707; JP 19634499 A 19990709; TW 89113033 A 20000630