

Title (en)

BUSHING INSULATOR WITH SHIELDING OF THE ELECTRICAL FIELD, PARTICULARLY FOR MEDIUM AND HIGH-VOLTAGE SWITCHBOARDS

Title (de)

Durchführungsisolator mit elektrische Feldabschirmung, insbesondere für Mittel- und Hochspannungsschaltanlagen

Title (fr)

Traversée-isolateur avec blindage contre des champs électriques notamment pour dispositifs de commutation à moyenne et haute tension

Publication

EP 0889487 A2 19990107 (EN)

Application

EP 98202137 A 19980626

Priority

IT MI971558 A 19970701

Abstract (en)

The present invention concerns a bushing insulator with shielding of the electrical field to be used, for examples, in medium or high-voltage air or gas-insulated switchboards, medium or high-voltage power transformers and reactance, instrument transformers, capacitors and medium and high voltage gas insulated busbar, that comprises a moulding of electrical insulating material enclosing a metal insert for shielding the electrical field. The bushing insulator of the invention is characterised by the fact that said metal insert comprises at least portions of shape memory material capable to assume a predetermined shape upon thermal stress. <IMAGE>

IPC 1-7

H01B 17/26

IPC 8 full level

H01B 17/26 (2006.01)

CPC (source: EP)

H01B 17/26 (2013.01)

Cited by

KR200449360Y1; EP4001928A1; WO2022106937A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0889487 A2 19990107; EP 0889487 A3 19990224; EP 0889487 B1 20040303; AT E261179 T1 20040315; DE 69822041 D1 20040408; DE 69822041 T2 20050303; ES 2217499 T3 20041101; IT 1292447 B1 19990208; IT MI971558 A0 19970701; IT MI971558 A1 19990101

DOCDB simple family (application)

EP 98202137 A 19980626; AT 98202137 T 19980626; DE 69822041 T 19980626; ES 98202137 T 19980626; IT MI971558 A 19970701