

Title (en)

ARRESTOR AND METHOD OF MEASURING LEAKAGE CURRENT OF ARRESTOR

Title (de)

ABLEITER UND VERFAHREN ZUR MESSUNG DES LECKSTROMS EINES ABLEITERS

Title (fr)

DISPOSITIF D'ARRET ET PROCEDE DE MESURE DE COURANT DE FUITE DU DISPOSITIF D'ARRET

Publication

EP 1821320 A4 20130619 (EN)

Application

EP 05814184 A 20051208

Priority

- JP 2005022578 W 20051208
- JP 2004357913 A 20041210
- JP 2004357914 A 20041210
- JP 2004357915 A 20041210
- JP 2004357916 A 20041210
- JP 2005351596 A 20051206

Abstract (en)

[origin: EP1821320A1] An arrestor provides a bushing (2) installed in an opened section (1a) of an equipment case (1) hermetically, and a molded arrestor elements stack (6) of this invention is installed in the bushing (2) removably. The bushing (2) provides a rigid, insulated bushing body (3) and a high-voltage shielding electrode (4) embedded in the tip of the bushing body (3) concentrically with the bushing body (3). The bushing body (3) provides an intermediate cylindrical section (53) having a tapered insertion hole (53a) and the high-voltage shielding electrode (4) provides a shielding body (41). The molded arrestor elements stack (6) provides an arrestor elements stack (61) comprising a layer stack of a plurality of arrestor elements (61a) containing zinc oxide as the main component, and a molded rubber (67) comprising silicone rubber and so on is provided at the circumference of the arrestor elements stack (61).

IPC 8 full level

H01C 7/12 (2006.01); **H01T 1/00** (2006.01); **H02B 3/00** (2006.01); **H02B 13/02** (2006.01); **H02B 13/065** (2006.01)

CPC (source: EP)

H01C 7/12 (2013.01); **H01C 7/126** (2013.01)

Citation (search report)

- [IY] EP 0259731 A2 19880316 - TOSHIBA KK [JP]
- [YA] US 4161012 A 19790710 - CUNNINGHAM FRANCIS V
- [Y] FR 2629263 A1 19890929 - TRANSFIX SOC NOUV [FR]
- [Y] DE 2619317 A1 19771103 - MITSUBISHI ELECTRIC CORP
- See references of WO 2006062168A1

Cited by

EP1993177A4; US9209607B2; US9689898B2; EP2696206A1; WO2013159871A1; WO2014023402A1

Designated contracting state (EPC)

CH DE IE LI

DOCDB simple family (publication)

EP 1821320 A1 20070822; EP 1821320 A4 20130619; CN 101116156 A 20080130; CN 101116156 B 20120328; KR 100929906 B1 20091204; KR 20070088686 A 20070829; TW 200632949 A 20060916; TW I378475 B 20121201; WO 2006062168 A1 20060615

DOCDB simple family (application)

EP 05814184 A 20051208; CN 200580042171 A 20051208; JP 2005022578 W 20051208; KR 20077013067 A 20051208; TW 94143663 A 20051209