

Title (en)  
ELECTRIC INSULATOR AND A METHOD FOR THE PRODUCTION THEREOF

Title (de)  
ELEKTRISCHER ISOLATOR UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
ISOLATEUR ELECTRIQUE ET PROCEDE DE FABRICATION.

Publication  
**EP 1905046 B1 20130424 (FR)**

Application  
**EP 06792535 A 20060720**

Priority  
• EP 2006064473 W 20060720  
• FR 0552253 A 20050720

Abstract (en)  
[origin: WO2007010025A1] The invention relates to an electric insulator (1) comprising a tube (3) surrounded by an insulating smooth or provided with fins (7) jacket (5). The insulating jacket is made of an epoxy resin comprising 25-75 % by weight mineral filler. The inventive method for producing said electric insulator consists in placing the insulator tube or the precursor thereof in the electric insulator mould possibly provided with fins, in introducing an unhardened cycloaliphatic epoxy resin into the mould in such a way that the insulator jacket and fins are formed around said tube or the precursor thereof, in hardening the resin introduced into the mould in such way that the insulator is produced and in removing the thus produced insulator from the mould. The inventive electric insulator is suitable for high voltage application.

IPC 8 full level  
**H01B 19/00** (2006.01); **H01B 3/40** (2006.01); **H01B 17/00** (2006.01)

CPC (source: EP US)  
**H01B 3/40** (2013.01 - EP US)

Citation (examination)  
BEISELE C: "Hydrophobic cycloaliphatic epoxy latest findings and future developments", WORLD INSULATOR CONGRESS AND EXHIBITION PROCEEDINGS, 2001, pages 141 - 153

Cited by  
WO2018220294A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007010025 A1 20070125**; EP 1905046 A1 20080402; EP 1905046 B1 20130424; US 2008296046 A1 20081204; US 7989704 B2 20110802

DOCDB simple family (application)  
**EP 2006064473 W 20060720**; EP 06792535 A 20060720; US 99597806 A 20060720