

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.

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EP 1905046 A1 20080402 (FR)

Application
EP 06792535 A 20060720

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• 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.

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

Citation (search report)
See references of WO 2007010025A1

Citation (third parties)
Third party :
• WO 0034388 A1 20000615 - CIBA SC HOLDING AG [CH], et al
• BEISELE C.: "HYDROPHOBIC CYCLOALIPHATIC EPOXY LATEST FINDINGS AND FUTURE DEVELOPMENTS", WORLD INSULATOR CONGRESS AND EXHIBITION, 18 November 2001 (2001-11-18), pages 141 - 153, XP008060795

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WO2018220294A1

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