

Title (en)

ELECTRIC INSULATION MATERIAL, AN ELECTRIC DEVICE AND A METHOD FOR PRODUCING AN ELECTRIC INSULATION MATERIAL

Title (de)

ELEKTRISCHES ISOLATIONSMATERIAL, ELEKTRISCHE EINRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINES ELEKTRISCHEN ISOLATIONSMATERIALS

Title (fr)

MATERIAU D' ISOLATION ELECTRIQUE, DISPOSITIF ELECTRIQUE ET PROCEDE DE FABRICATION DE MATERIAU D' ISOLATION ELECTRIQUE

Publication

EP 1878027 A4 20120411 (EN)

Application

EP 06733394 A 20060504

Priority

- SE 2006000540 W 20060504
- US 67734205 P 20050504

Abstract (en)

[origin: WO2006118536A1] The invention relates to an electric insulation material (3) - formed by a porous fibrous matrix that is impregnated with an impregnation medium (2) containing filler particles (1) having higher thermal conductivity than the impregnation medium and having at least one dimension smaller than 1 µm, preferably having at least one dimension smaller than 100 nm, the fibrous matrix (4) being at least partly penetrated by such filler particles (1) of the impregnation medium (2).

IPC 8 full level

H01B 3/48 (2006.01); **H01B 3/08** (2006.01); **H01B 3/30** (2006.01)

CPC (source: EP)

H01B 3/48 (2013.01)

Citation (search report)

- [I] US 4218360 A 19800819 - BERGER SIDNEY E [US], et al
- See references of WO 2006118536A1

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 2006118536 A1 20061109; CN 101189686 A 20080528; CN 101189686 B 20130102; EP 1878027 A1 20080116; EP 1878027 A4 20120411

DOCDB simple family (application)

SE 2006000540 W 20060504; CN 200680015200 A 20060504; EP 06733394 A 20060504