

Title (en)

COMPOSITE INSULATION MATERIAL FOR ELECTRICAL INSULATION, METHOD FOR PRODUCING AND USING THE SAME

Title (de)

ISOLATIONSVERBUNDATERIAL ZUR ELEKTRISCHEN ISOLATION, VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG DESSELBEN

Title (fr)

MATÉRIAU COMPOSITE ISOLANT POUR ISOLATION ÉLECTRIQUE ET PROCÉDÉ DE FABRICATION ET D'UTILISATION DUDIT MATÉRIAU

Publication

EP 2529377 A2 20121205 (DE)

Application

EP 11715216 A 20110413

Priority

- DE 102010015398 A 20100419
- EP 2011055816 W 20110413

Abstract (en)

[origin: WO2011131537A2] A composite insulation material for electrical insulation has a resin component, a hardener component and a filler powder mixture which is distributed in the composite insulation material and which has a first fraction of filler powder comprising microparticles and a second fraction of filler powder comprising nanoparticles, wherein the particle distribution of the filler powder mixture is bimodal and has a proportion of 60 to 80% by weight in the composite insulation material and the second fraction of filler powder has a proportion of 0.1 to 6% by weight in the composite insulation material.

IPC 8 full level

H01B 3/00 (2006.01)

CPC (source: EP)

H01B 3/40 (2013.01)

Citation (search report)

See references of WO 2011131537A2

Designated contracting state (EPC)

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DE 102010015398 A1 20111020; CN 102834875 A 20121219; EP 2529377 A2 20121205; WO 2011131537 A2 20111027; WO 2011131537 A3 20120503

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