

Title (en)
ELECTRICALLY INSULATING COMPOSITE MATERIAL, METHOD FOR PRODUCING SUCH A MATERIAL AND USE THEREOF AS EN
ELECTRICAL INSULANT

Title (de)
ELEKTRISCH ISOLIERENDES VERBUNDMATERIAL, VERFAHREN ZUR HERSTELLUNG SOLCH EINES MATERIALS UND VERWENDUNG
DAVON ALS ELEKTRISCHES ISOLATIONSMITTEL

Title (fr)
MATÉRIAU COMPOSITE ÉLECTRIQUEMENT ISOLANT, PROCÉDÉ DE FABRICATION D'UN TEL MATÉRIAU ET SON UTILISATION EN TANT
QU'ISOLANT ÉLECTRIQUE

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Application
EP 14736806 A 20140708

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• FR 1356684 A 20130708
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Abstract (en)
[origin: WO2015004115A1] The invention relates to an electrically insulating material comprising a thermostable and electrically insulating polymer matrix wherein electrically insulating inorganic nanoparticles of all sizes smaller than or equal to 200nm are dispersed. Said material is especially applicable as an electrical insulant, especially in the form of a film, in electrical, electronic or electrotechnical systems wherein it may be subjected to temperatures higher than 200 °C and strong electric fields.

IPC 8 full level
H01B 3/30 (2006.01); **B82Y 30/00** (2011.01); **C08K 3/38** (2006.01)

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Citation (search report)
See references of WO 2015004115A1

Cited by
US11728090B2

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