

Title (en)

SOLID INSULATION MATERIAL, USE THEREOF, AND INSULATION SYSTEM MADE THEREWITH

Title (de)

FESTER ISOLATIONSWERKSTOFF, VERWENDUNG DAZU UND DAMIT HERGESTELLTES ISOLATIONSSYSTEM

Title (fr)

MATÉRIAU ISOLANT SOLIDE, UTILISATION ASSOCIÉE ET SYSTÈME D'ISOLATION RÉALISÉ AU MOYEN DUDIT MATÉRIAU

Publication

**EP 3391385 A1 20181024 (DE)**

Application

**EP 17707771 A 20170208**

Priority

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- EP 2017052721 W 20170208

Abstract (en)

[origin: WO2017153113A1] The invention relates to a solid, in particular strip-shaped insulation material, the use thereof in a vacuum impregnation method, an insulation system made with said insulation material, and an electric machine comprising the insulation system, in particular for the medium and high voltage range, i.e. for medium and high voltage machines, in particular rotating electric machines in the medium and high voltage range, and semi-finished products for electric switching systems. The solid insulation material and the insulation system made therewith are characterized in that they can be produced without using anhydrides, the curing catalyst being an addition product of a 1H-imidazole and/or 1H-imidazole derivative and a compound containing oxirane groups.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017153113A1

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**WO 2017153113 A1 20170914**; BR 112018067378 A2 20190115; CN 108780675 A 20181109; CN 108780675 B 20210122; DE 102016203867 A1 20170914; EP 3391385 A1 20181024; JP 2019511091 A 20190418; JP 6893599 B2 20210623; RU 2018132040 A 20200409; RU 2018132040 A3 20200409; US 10778058 B2 20200915; US 2019089217 A1 20190321

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