

Title (en)

ELECTRIC INSULATION MATERIAL AND/OR IMPREGNATION RESIN FOR A WRAPPING TAPE INSULATION FOR A MEDIUM- AND/OR HIGH-VOLTAGE MACHINE, AND INSULATION SYSTEM MADE THEREOF

Title (de)

ELEKTRISCHES ISOLATIONSMATERIAL UND/ODER IMPRÄGNIERHARZ FÜR DIE WICKELBANDISOLIERUNG EINER MITTEL- UND/ODER HOCHSPANNUNGSMASCHINE SOWIE EIN ISOLATIONSSYSTEM DARAUS

Title (fr)

MATÉRIAU D'ISOLATION ÉLECTRIQUE ET/OU RÉSINE D'IMPRÉGNATION POUR L'ISOLATION DE RUBAN D'ENROULEMENT D'UNE MACHINE À MOYENNE ET/OU HAUTE TENSION ET SYSTÈME D'ISOLATION EN CE MATÉRIAU

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Application

EP 18779235 A 20180913

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Abstract (en)

[origin: WO2019057601A1] The invention relates to an electric insulation material and/or impregnation resin for a wrapping tape insulation and to an insulation system, for example an insulation system for a rotating electric machine, in particular a medium- or high-voltage machine. By means of the invention, an insulation material and/or an impregnation resin for a wrapping tape insulation is first provided, said material and/or resin exhibiting a substantially increased partial discharge resistance in the presence of compounds which form a SiR2-O- backbone in the cured resin. Thus, the thickness of the insulation system can be drastically reduced, i.e. by up to 20% for example.

IPC 8 full level

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