

Title (en)

INSULATING TAPE FOR A COIL AND WRAPPING TAPE INSULATION SYSTEM FOR ELECTRIC MACHINES

Title (de)

ISOLIERBAND FÜR EINE SPULE UND WICKELBAND-ISOLIERSYSTEM FÜR ELEKTRISCHE MASCHINEN

Title (fr)

RUBAN ISOLANT POUR UNE BOBINE ET SYSTÈME D'ISOLATION À RUBAN ENROULÉ POUR MACHINES ÉLECTRIQUES

Publication

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Application

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Abstract (en)

[origin: WO2016124387A1] The invention relates to an insulating tape for insulating stator coils in electric machines, in particular the tape accelerator in the tape adhesive of the insulating tape, which insulating tape is used for a wrapping tape insulation system. Previously known tape accelerators based on N-ethylpiperazine are replaced here by imidazole and/or pyrazole compounds. Furthermore, additional exemplary embodiments of the invention allow a broadening of the scope of the imidazole and/or pyrazole compounds newly discovered for this technology as gelling and/or curing agents into general usage in epoxy resins based on bisphenol A and/or bisphenol F diglycidyl ether, in particular the phthalic anhydride free species thereof.

IPC 8 full level

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Citation (search report)

See references of WO 2016124387A1

Cited by

WO2020239309A1; WO2021043541A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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