

Title (en)

TAPE ACCELERATOR AND USE THEREOF, SOLID INSULATING MATERIAL, AND ANHYDRIDE-FREE INSULATION SYSTEM

Title (de)

BANDBESCHLEUNIGER UND VERWENDUNG DAVON, FESTER ISOLATIONSWERKSTOFF UND ANHYDRID-FREIES ISOLATIONSSYSTEM

Title (fr)

ACCÉLÉRATEUR EN BANDE ET SON UTILISATION, MATÉRIAU D'ISOLATION SOLIDE ET SYSTÈME D'ISOLATION EXEMPT D'ANHYDRIDE

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Application

EP 20764002 A 20200811

Priority

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Abstract (en)

[origin: WO2021043541A1] The invention relates to a tape accelerator and a solid insulating material comprising said tape accelerator, as can be used for the production of an anhydride-free insulation system for motors and generators, for example in the form of a wrapping tape insulation. In particular, the invention relates to an anhydride-free insulation system that can be produced using a vacuum pressure impregnation (VPI) process. Such an insulation system comprises a solid insulating material from which the anhydride-free insulation system is produced by means of impregnation and/or encapsulation with an impregnation agent and subsequent curing. The invention provides for the first time a solid insulation material which has a tape accelerator and optionally suitable tape adhesive and which, using an anhydride-free impregnation agent, quickly and completely provides a stable insulation system, even in areas without tape accelerator, under the conditions, for example, of vacuum pressure impregnation.

IPC 8 full level

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See references of WO 2021043541A1

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