Title (en)

SLOT INSULATION SYSTEM FOR AN ELECTRICAL ROTATING MACHINE, METHOD FOR PRODUCING A SLOT INSULATION SYSTEM

Title (de)

NUTISOLATIONSSYSTEM FÜR EINE ELEKTRISCHE ROTIERENDE MASCHINE, VERFAHREN ZUR HERSTELLUNG EINES NUTISOLATIONSSYSTEMS

Title (fr)

SYSTÈME D'ISOLATION D'ENCOCHE POUR MACHINE ÉLECTRIQUE TOURNANTE, PROCÉDÉ DE FABRICATION D'UN SYSTÈME D'ISOLATION D'ENCOCHE

Publication

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Application

EP 22706282 A 20220215

Priority

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- EP 2022053675 W 20220215

Abstract (en)

[origin: WO2022175264A1] The invention relates to a slot insulation system for electrical rotating machines such as motors and/or generators. The invention also relates to two methods for producing such a slot insulation system. The invention disclosed for the first time here provides a technique for producing an insulation system, with which technique a reactive, non-crosslinked A-state thermoset is placed into the slot and/or onto the coil in the form of a solid film. In this way, fixing of the finally insulated coil in the slot is improved, simplified, made more cost-effective and able to be automated.

IPC 8 full level

H02K 15/12 (2006.01); **H02K 3/30** (2006.01); **H02K 3/34** (2006.01); **H02K 3/40** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2022175264A1

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