

Title (en)

ELECTRIC INSULATION SYSTEM OF AN ELECTRIC MOTOR, AND ASSOCIATED MANUFACTURING PROCESS

Title (de)

ELEKTRISCHES ISOLATIONSSYSTEM EINES ELEKTROMOTORS UND HERSTELLUNGSVERFAHREN DAZU

Title (fr)

SYSTÈME D'ISOLATION ÉLECTRIQUE D'UN MOTEUR ÉLECTRIQUE ET PROCÉDÉ DE FABRICATION CORRESPONDANT

Publication

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Application

**EP 19723735 A 20190503**

Priority

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Abstract (en)

[origin: WO2019211461A1] The invention relates to an improved electric insulation system of an electric motor, in particular an electric insulation system (EIS) that better insulates the wire windings in the slots of the laminated core from the laminated core. The invention further relates to a cost-effective manufacturing process for making such an improved electric insulation system of an electric motor. To this end, the impregnating resin for forming the potting compound of the conductor in the slot is introduced into the conductor by a carrier medium such as a fiber.

IPC 8 full level

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

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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