

Title (en)
INSULATION FOR ROTATING ELECTRICAL MACHINES

Title (de)
ISOLIERUNG FÜR ROTIERENDE ELEKTRISCHE MASCHINEN

Title (fr)
ISOLATION POUR MACHINES ÉLECTRIQUES ROTATIVES

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EP 2569362 A1 20130320 (DE)

Application
EP 11740857 A 20110630

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Abstract (en)
[origin: WO2012013439A1] The invention relates to mica-based insulation with increased electrical lifetime for rotating electrical machines based on impregnating resin with nanoparticulate filler. According to the invention, the reactivity, viscosity and grain size of the impregnating resin and nanoparticulate filler are matched to the requirements for the impregnation of the mica in such a way that the reaction mechanism that proceeds during the conduct of the process (impregnation, polymerization, storage) is at least not significantly affected by the nanoparticles.

IPC 8 full level
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See references of WO 2012013439A1

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