

Title (en)

INSULATING TAPE, USE THEREOF AS ELECTRICAL INSULATION FOR ELECTRICAL MACHINES, ELECTRICAL INSULATION, AND METHOD FOR PRODUCING THE INSULATING TAPE

Title (de)

ISOLATIONSBAND, DESSEN VERWENDUNG ALS ELEKTRISCHE ISOLATION FÜR ELEKTRISCHE MASCHINEN, DIE ELEKTRISCHE ISOLATION UND VERFAHREN ZUR HERSTELLUNG DES ISOLATIONSBANDES

Title (fr)

BANDE ISOLANTE, UTILISATION DE LA BANDE ISOLANTE EN TANT QU'ISOLATION ÉLECTRIQUE POUR DES MACHINES ÉLECTRIQUES, ISOLATION ÉLECTRIQUE ET PROCÉDÉ SERVANT À FABRIQUER LA BANDE ISOLANTE

Publication

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Application

**EP 15705276 A 20150213**

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Abstract (en)

[origin: WO2015135719A2] The invention relates to an insulating tape (1) in the form of a particle composite for an electrical insulating tape, use thereof as insulation, the insulation and the production of the insulating tape (1), wherein electrically insulating, platelet-shaped particles are connected by means of an electrically insulating binder to an electrical insulating material in the form of an at least partially porous insulating tape (1). The invention is characterized in that the insulating tape (1) is windable on a conductor structure (9, 11) when wound under exerted tension force, namely without addition of a materially additionally impeding heat flow. A thermal conductivity which is greater relative to the prior art is advantageous for preventing heat accumulation and total failures, in particular of main insulation (7).

IPC 8 full level

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