

Title (en)
COMPOSITION FOR AN INSULATION TAPE

Title (de)
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Title (fr)
COMPOSITION POUR UNE BANDE ISOLANTE

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Application
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Abstract (en)
[origin: WO2018099734A1] The invention relates to a composition for producing an insulation tape, the composition being used to fix a non-conductive material to a reinforcing layer. To provide an insulation tape which is used in particular in the production of insulation for medium- and high-voltage devices using the VPI method and avoids the use of conventional curing agents, in particular carboxylic acid anhydrides, the invention proposes a composition which contains a) a novolac produced by condensation of a substituted or unsubstituted phenol with an aldehyde, the novolac having a molecular weight of 250 to 1000 g/mol, and b) a catalyst selected from the group of boron(III) halides and/or the amine complexes thereof, imidazoles, acetylacetonates, tin(IV) chloride and/or tertiary amines and/or tetramethylguanidine, and c) further additives, where necessary.

IPC 8 full level
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