

Title (en)

RESIN-IMPREGNATED FIBROUS MATERIAL IN THE FORM OF A SHEET OR A WEB

Title (de)

HARZIMPRÄGNIERTES FASERMATERIAL IN FORM EINER FOLIE ODER EINER BAHN

Title (fr)

MATÉRIAU FIBREUX IMPRÉGNÉ DE RÉSINE SOUS FORME DE FEUILLE OU DE BANDE

Publication

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Application

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Abstract (en)

[origin: WO2022008671A1] The present invention relates to sheets or webs of a resin-impregnated fibrous material, comprising an impregnating resin, which comprises a combination of a) at least one resin component A, which is selected from the group consisting of aminoplast resins and phenoplast resins and mixtures thereof; and b) at least one resin component B, which is an oligomer or polymer having ethylenically unsaturated double bonds, wherein at least 40 mol-%, in particular at least 60 mol-%, especially at least 80 mol-% or 100 mol-% of the ethylenically unsaturated double bonds are selected from the group consisting of allyl groups, acryl groups and methacryl groups. The invention also relates to a process for producing a resin-impregnated fibrous material as claimed in any one of the preceding claims, which comprises impregnating a fibrous material in the form sheet or a web with a liquid resin composition comprising a combination of a) the resin component A, preferably in the form of a pre-condensate; and b) the resin component B as defined herein.

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