

Title (en)
SEMIFINISHED PRODUCT FOR THE PRODUCTION OF FIBRE COMPOSITE COMPONENTS BASED ON STABLE POLYURETHANE COMPOSITIONS

Title (de)
HALBZEUG FÜR DIE HERSTELLUNG VON FASERVERBUNDBAUTEILEN AUF BASIS VON LAGERSTABILEN POLYURETHANZUSAMMENSETZUNGEN

Title (fr)
DEMI-PRODUIT POUR LA FABRICATION D'ÉLÉMENTS COMPOSITES RENFORCÉS PAR DES FIBRES SUR LA BASE DE COMPOSÉS DE POLYURÉTHANNE STABLES PENDANT LE STOCKAGE

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Application
EP 11721759 A 20110518

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Abstract (en)
[origin: CA2799340A1] The invention relates to a semifinished product for the production of fibre composite components, comprising at least two walls of fibre-filled matrix material, which are angled in a meandering manner and are thermally joined to one another to form a symmetrical core structure. The invention addresses the problem of providing a semifinished product which is suitable as a core structure for a fibre composite component in sheet form that has better draping qualities as a result of the not yet cured matrix, but at the same time is sufficiently stable in terms of its shape and composition that it can be easily handled. This problem is solved by using as the matrix material a polyurethane composition which contains as a binder a polymer having functional groups that are reactive with respect isocyanates and contains as a hardener diisocyanate or polyisocyanate that is blocked internally and/or by blocking agents.

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