

Title (en)  
SEMI-FINISHED PRODUCT AND METHOD FOR PRODUCING A STRUCTURAL COMPONENT

Title (de)  
HALBZEUG UND VERFAHREN ZUR HERSTELLUNG EINES STRUKTURBAUTEILS

Title (fr)  
PRODUIT SEMI-FINI ET PROCÉDÉ DE FABRICATION D'UN COMPOSANT STRUCTURAL

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Application  
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Abstract (en)  
[origin: WO2020069978A2] The present invention relates to a semi-finished product (1) for producing a structural component (B), comprising a plurality of prepreg strips (2), each of which comprises unidirectionally arranged reinforcement fibers (21) embedded in a thermoplastic matrix material (20), and a plurality of connecting strands (3) containing a thermoplastic plastic material (30). The prepreg strips (2) and the connecting strands (3) are either connected to form a textile fabric structure (4) or the prepreg strips (2) are arranged to form a multi-axial scrim (6), wherein individual layers (60) of the scrim (6) are connected by the connecting strands (3). The invention further relates to a method for producing a curved structural component (B) from such a semi-finished product (1).

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