

Title (en)
TECHNICAL PRODUCTION METHOD, TENSION MODULE AND SEWING MATERIAL HOLDER FOR CREATING TEXTILE PREFORMS FOR THE PRODUCTION OF FIBRE-REINFORCED PLASTIC COMPONENTS

Title (de)
KONFEKTIONSTECHNISCHES VERFAHREN, EIN SPANNMODUL UND EIN NÄHGUTHALTER ZUR GESTALTUNG VON TEXTILEN VORFORMLINGEN ZUR HERSTELLUNG VON FASERVERSTÄRKTEN KUNSTSTOFF-BAUTEILEN

Title (fr)
PROCEDE DE CONFECTION, MODULE DE TENSION ET SUPPORT DE MATERIEL A COUDRE POUR LA CONFIGURATION DE PREFORMES TEXTILES DESTINES A LA PRODUCTION DE COMPOSANTS EN PLASTIQUE RENFORCE PAR FIBRES

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Abstract (en)
[origin: WO0242044A1] The invention relates to a technical production method for fibre-reinforced plastic components comprising a cross member (2) and optionally a flange (3) and/or a foot (5), using textile cuts (10) as starting material. At least two layers of textile cuts are positioned in relation to each other, fixed, and sewn for the first time, the preform (20) is shaped in order to create the form for the product to be produced, and is then infiltrated with resin in order to produce the plastic component. The invention also relates to a tension module (21) for creating a flange on a textile preform, and a sewing material holder (52) for receiving a textile preform in order to carry out the aforementioned steps.

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