

Title (en)

METHOD FOR PRODUCING A STRUCTURAL ELEMENT MADE OF A PRE-IMPREGNATED COMPOSITE FIBROUS MATERIAL, STRUCTURAL ELEMENT THUS PRODUCED AND JOINING MOLD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BAUTEILS AUS EINEM VORIMPRÄGNIERTEN FASERVERBUNDMATERIAL, DERART HERGESTELLTES BAUTEIL UND FÜGEFORM

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN ÉLÉMENT STRUCTURAL EN UN MATÉRIAU COMPOSITE FIBREUX PRÉIMPRÉGNÉ, ÉLÉMENT STRUCTURAL AINSI PRODUIT, ET MOULE D'ASSEMBLAGE

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Application

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Abstract (en)

[origin: WO2013026801A1] The invention relates to a method for producing a structural element from components (12a through 12e, 16, 17, 18) made of pre-impregnated composite fibrous material (prepreg) having a hollow, semi-hollow, shallow or U-shaped or similar cross section, which are shaped and hardened under pressure and heat by means of at least one inserted flexible sealing membrane (15) in a molding tool. Either the already pre-formed components (12a through 12e, 16, 17, 18) of the structural element are deposited on a joining mold (10, 11) or blanks made of prepreg are formed into components therein, the components (12a through 12e, 16, 17, 18) being removed from the joining mold (10, 11) with the inserted sealing membrane(s) (15) and transferred into the molding tool.

IPC 8 full level

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