

Title (en)

METHOD FOR PRODUCING COMPOSITE MATERIAL PARTS FROM NEEDED PREFORMS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON VERBUNDSTOFFTEILEN AUS GENADELTEN VORFORMEN

Title (fr)

PROCÉDÉ DE RÉALISATION DE PIÈCES EN MATÉRIAU COMPOSITE À PARTIR DE PRÉFORMES AIGILLETÉES

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Application

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Abstract (en)

[origin: WO2018185383A1] The present invention concerns a method for producing composite material parts comprising continuous fibres and a matrix composed of at least a first polymer, the method comprising - a step of producing a preform (101), formed from continuous fibres and the first polymer, - a step of applying non-woven filaments to at least a first main face (111) of the preform, - a step of needling said filaments by means of a needling device (5) comprising a plurality of needles (51), each having at least one notch, such that filaments are drawn by the needles and are arranged in a direction substantially perpendicular to the continuous fibres of the preform, and - a step of applying a heat treatment to the preform to obtain the composite material part.

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