

Title (en)

METHOD FOR PRODUCING A MECHANICAL MEMBER FROM COMPOSITE MATERIAL, HAVING AN IMPROVED MECHANICAL PERFORMANCE UNDER TRACTION-COMPRESSION AND BENDING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES MECHANISCHEN TEILS AUS EINEM VERBUNDSTOFF MIT VERBESSERTER MECHANISCHER LEISTUNG UNTER ZUG-DRUCK- UND BIEGEBEDINGUNGEN

Title (fr)

PROCEDE DE FABRICATION D'UN ORGANE MECANIQUE EN MATERIAU COMPOSITE AYANT UNE TENUE MECANIQUE ACCRUE EN TRACTION-COMPRESSION ET EN FLEXION

Publication

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Application

**EP 11711283 A 20110324**

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Abstract (en)

[origin: WO2011116967A1] The invention relates to a method for producing a mechanical member made from a composite material, such as a connecting rod (19), comprising successive operations involving the application of layers of reinforcing fibres braided around a mandrel, and, between two reinforcing fibre layer application operations, a step comprising: the positioning of at least one element formed by pultruded reinforcing fibres (14'') oriented longitudinally (AX); and the at least temporary securing of each pultruded element (14'') to the last layer of braided reinforcing fibres. According to the invention, a resin is subsequently injected into the different braided layers prior to the polymerisation of said resin in order to form a raw connecting rod.

IPC 8 full level

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Citation (search report)

See references of WO 2011116967A1

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