

Title (en)
METHOD FOR MANUFACTURING A COMPOSITE MATERIAL CORE FOR A CONNECTING ROD, AND RESULTING CONNECTING ROD CORE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES VERBUNDSTOFFKERNS FÜR EINE PLEUELSTANGE UND AUF DIESE WEISE HERGESTELLTER PLEUELSTANGENKERN

Title (fr)
PROCEDE DE FABRICATION D'UNE AME DE BIELLE EN MATERIAU COMPOSITE, ET AME DE BIELLE OBTENUE

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Application
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Abstract (en)
[origin: WO2012007674A1] The invention relates to a method for manufacturing a composite material core. Said method comprises carrying out the following steps: manufacturing three composite material bars (3, 4) having selected sizes and including reinforcing fibers embedded in a thermosetting matrix or thermoplastic matrix; manufacturing two foam bars (6) having selected sizes; assembling and adhering the bars together such that the three composite material bars (3, 4) form a structure (5) having an H-shaped cross-section, and such that the foam bars (6) are inserted into the spaces defined by the composite material bars (3, 4) so as to obtain a composite block; tying up the composite block by winding reinforcing wires (82); and then coating same with resin and pressurizing same until it is polymerized.

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