

Title (en)

Method of making a warp knitting element carrying bar of synthetic material and bar of synthetic material for warp knitting elements

Title (de)

Verfahren zum Herstellen einer Kunststoff-Wirkwerkzeugbarre und Kunststoff-Wirkwerkzeugbarre

Title (fr)

Procédé pour la production d'une barre en matériau synthétique pour des éléments de tricotage et la barre en matériau synthétique pour des éléments de tricotage

Publication

EP 1820891 B1 20100721 (DE)

Application

EP 06024253 A 20061123

Priority

DE 102006005703 A 20060208

Abstract (en)

[origin: EP1820891A1] A needle bar is made from a pre-preg with unidirectional fiber reinforcement (10) by forming in a mold (2). The hollow space in the bar cross-section is produced by folding the pre-preg over a tube (12). Once the assembly is in the mold, the tube is inflated by air or hydraulic pressure to impose the required shape. After molding, the tube is left in position and forms part of the needle bar. An independent claim is included for a needle bar with a solid mounting section (11, 13) and a hollow section with an internal tube (12) made in this way from a pre-preg. The pre-preg includes several layers of unidirectional reinforcement, the directions changing from layer to layer.

IPC 8 full level

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Cited by

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