

Title (en)

METHOD AND DEVICE FOR PRODUCING FIBER-REINFORCED COMPOSITE MATERIAL PARTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON FASERVERSTÄRKTEN VERBUNDWERKSTOFF-BAUTEILEN

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE DES ELEMENTS A BASE DE MATERIAU COMPOSITE, RENFORCES PAR FIBRES

Publication

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Application

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Abstract (en)

[origin: WO2005002852A1] The invention relates to a method and device for producing composite material parts consisting of at least one substrate (12) and of a number of layers (5) provided with a thermoplastic. The substrate and the layers are placed in contact at least in spots, at least the thermoplastic is subsequently heated to a welding temperature after which the substrate and layers are welded to one another under pressure. The invention is characterized in that the energy required for heating is supplied in the form of microwave energy (2, 2a).

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