

Title (en)

METHOD AND DEVICE FOR PRODUCING FIBER-REINFORCED PLASTIC PARTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON FASERVERSTÄRKTEN KUNSTSTOFFTEILEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LA FABRICATION DE PIÈCES EN MATÉRIAU SYNTHÉTIQUE RENFORCÉES PAR DES FIBRES

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Application

EP 16763002 A 20160902

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Abstract (en)

[origin: WO2017037229A1] The invention relates to a method and a device for producing a fiber-reinforced plastic component (1) using a flowable resin system in a mold tool (2), which comprises at least two tool parts (4, 6) in order to form a cavity, and a press (10) with a pressure device (11) in order to apply a pressing pressure onto the mold tool (2) via clamping plates (5, 7) for the tool parts (4, 6). At least one tool part (4, 6) is deformed along a bending line (B) during the course of the production process and/or the resin system is moved within the cavity during the course of the production process, thus forming a flow process (F), and finally a fiber-reinforced plastic component (1) with at least a gap width (SW) of the cavity is formed within the cavity. By using at least one correction device (8), the bending line (B) of at least one tool part (4, 6) and/or the flow process (F) and/or the gap width (SW) is influenced during the production process.

IPC 8 full level

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