

Title (en)

FIBRE LAYING INSTALLATION AND METHOD FOR DEPOSITING FIBRE MATERIAL

Title (de)

FASERLEGEANLAGE UND VERFAHREN ZUM ABLEGEN VON FASERMATERIAL

Title (fr)

INSTALLATION DE POSE DE FIBRES ET PROCÉDÉ DESTINÉ À POSER UNE MATIÈRE FIBREUSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020011639A1] The invention relates to a fibre laying installation for depositing fibre material for producing a fibre preform, from which a fibre composite component is producible by curing a matrix material in which the fibre material of the fibre preform is embedded, wherein the fibre laying installation has: - a fibre laying head, which is configured to deposit fibre material on a tool, - a fibre transport device, which is configured to transport the fibre material from a fibre material store to the fibre laying head of the fibre laying installation, - a movement measuring device, which is set up to sense movement information of the fibre material when the fibre material is deposited continuously on the tool by the fibre laying head, and - a heating device, which is set up to heat up the fibre material in a heating region when the fibre material is deposited continuously on the tool by the fibre laying head, wherein the fibre laying installation has a control device, which is set up to receive the fibre material movement information sensed by the movement measuring device and to control the input of heat by the heating device into the fibre material during deposition depending on the sensed fibre material movement information.

IPC 8 full level

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