Title (en)

METHOD AND DEVICE FOR THE PRODUCTION OF A FIBER MOLDING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES FASERFORMTEILS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE PRODUCTION D'UNE PIÈCE MOULÉE FIBREUSE

Publication

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Application

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Abstract (en)

[origin: WO2016050737A1] The invention relates to a method and a device for the production of a fiber molding (F), in particular of a top and bottom element for beverage package containers. In order to produce a fiber molding (F) having an improved structure and surface quality, wherein there are no protruding fibers and any rounded geometry is achieved, the following steps are proposed: - immersion of a forming screen arranged on a tool holder into a pulp slurry, - raising the tool holder in order to fully extract the coated forming screen, - sealing the fiber material in the region of the peripheral border of the forming screen by inflating a cuff extending circumferentially there, - releasing the pressure in the cuff, and – removing the fiber molding. A corresponding device for the production of a fiber molding (F), in particular a top and bottom element for beverage package containers, comprising a tool holder (4) and a forming screen (1) arranged thereon, is characterized by a circumferential cuff (9), which extends below the border of the forming screen (1) and that can be inflated from an initial position to an operating position.

IPC 8 full level

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