

Title (en)

DEVICE FOR CALIBRATING AN EXTRUDED PLASTIC PROFILED PIECE THAT FORMS AT LEAST ONE LONGITUDINAL GROOVE

Title (de)

VORRICHTUNG ZUM KALIBRIEREN EINES EXTRUDIERTEN, WENIGSTENS EINE LÄNGSNUT BILDENDEN KUNSTSTOFFPROFILS

Title (fr)

DISPOSITIF POUR CALIBRER UN PROFILE EXTRUDE EN PLASTIQUE PRESENTANT AU MOINS UNE RAINURE LONGITUDINALE

Publication

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Application

**EP 04736369 A 20040609**

Priority

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Abstract (en)

[origin: WO2004108394A1] The invention relates to a device for calibrating an extruded plastic profiled piece that forms at least one longitudinal groove (5). This device comprises a calibrating body (1), which accommodates the profiled extrudate (2) exiting a shaping profiled nozzle and which comprises a mold projection (6) with a cooling duct (9) and comprises coolant boreholes (13, 14, 26). The mold projection extends in a direction that passes through the profiled extrudate (2) and engages inside the longitudinal groove (5) of the profiled extrudate (2). The coolant boreholes extend transversal to the mold projection (6) and intersect the cooling duct (9) thereof. In order to create advantageous structural conditions, the invention provides that the cooling duct (9), which is open on both faces, is connected via a continuous slot (10) to an accommodating recess (11), which passes through the calibrating body (1) in the direction passing therethrough and extends in the area of the coolant boreholes (13, 14, 26), and which are provided for plugs (12) that can be inserted from the open faces. These plugs form connection openings (19) for establishing a flow connection between the cooling duct (9) and the associated coolant boreholes (13, 26).

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