

Title (en)
MACHINING CENTER FOR MACHINING AN ELONGATE WORKPIECE

Title (de)
BEARBEITUNGSZENTRUM ZUR SPANENDEN BEARBEITUNG EINES LÄNGLICHEN WERKSTÜCKS

Title (fr)
CENTRE D'USINAGE POUR L'USINAGE PAR ENLÈVEMENT DE COPEAUX D'UNE PIÈCE ALLONGÉE

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Application
EP 16785370 A 20160929

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Abstract (en)
[origin: WO2017071904A1] The invention relates to a machining center, in particular a 5-axis milling machine (1), for machining an elongate workpiece, in particular a turbine blade, comprising an elongate machine bed (2) extending in a longitudinal direction (X), a machining device (3) movably retained on the machine bed (2), two clamping devices (7), which are retained on the machine bed (2) in such a way that the clamping devices lie opposite each other in the longitudinal direction (X) and which are designed to clamp the free ends of the workpiece and to rotate the clamped workpiece about a workpiece axis of rotation (A), wherein at least one clamping device (7) can be moved in the longitudinal direction (X) of the machine bed (2) and at least one clamping device (7) has a drive device designed to rotate the clamped workpiece, in particular a stepper motor, and a steady rest (11), which is retained on the machine bed (2) and positioned between the clamping devices (7) and can be moved in the longitudinal direction (X), wherein a second steady rest (11) is retained on the machine bed (2) and positioned between the clamping devices (7) and can be moved in the longitudinal direction (X), and both clamping devices (7) can be moved in the longitudinal direction and have a drive device designed to rotate the clamped workpiece, in particular a stepper motor.

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