Title (en)

METHOD FOR OPERATING A MACHINE TOOL, AND MACHINE TOOL

Title (de)

VERFAHREN ZUM BETREIBEN EINER WERKZEUGMASCHINE UND WERKZEUGMASCHINE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT DE MACHINE-OUTIL, ET MACHINE-OUTIL ASSOCIÉE

Publication

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Application

EP 20800684 A 20201109

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Abstract (en)

[origin: WO2021099157A1] The invention relates to a method for operating a machine tool (1), in particular an angle grinder, comprising a tool (3) that can be rotatably operatively connected to an output shaft (7), the machine tool (1) having a drive device (4) for actuating the output shaft (7), a control device (8) for actuating the drive device (4) and at least one sensor device (9, 10) that is operatively connected to the control device (8). The method comprises the steps: - a speed value of the output shaft (7) is determined, - a speed value of the tool (3) is determined using the sensor device (10), which co-operates with the tool (3), - the control device (8) carries out pre-defined control of an output device and/or pre-defined control of the drive device (4), if a difference between the determined speed value of the output shaft (7) and the determined speed value of the tool is greater than a defined limit value. Also described is a machine tool (1) for carrying out a method of this type.

IPC 8 full level

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