

Title (en)
MACHINING MODULE AND MACHINE TOOL WITH A UNIT FOR DETECTING THE PROFILE OF THE TOOL, AND METHOD FOR DETECTING THE PROFILE OF THE TOOL

Title (de)
BEARBEITUNGSMODUL UND WERKZEUGMASCHINE MIT EINER EINHEIT ZUR ERFASSUNG DES PROFILS DES WERKZEUGS UND VERFAHREN ZUM ERFASSEN DES PROFILS DES WERKZEUGS

Title (fr)
MODULE D'USINAGE ET MACHINE-OUTIL AVEC UNE UNITÉ DE DÉTECTION DU PROFIL DE L'OUTIL, ET PROCÉDÉ DE DÉTECTION DU PROFIL DE L'OUTIL

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Abstract (en)
[origin: WO2020245729A1] The invention relates to a material removal machining module (300) for a machine tool, comprising:- a workpiece support (320) which is intended to receive a workpiece (322) to be machined, - a control unit for the workpiece support (308) which is capable of controlling and modifying the position of the workpiece support (320) in the machining module (300), - a tool holder (310) which is intended to receive a tool (312) having an end portion (313) which can be used to machine the workpiece; - a control unit (302) for the tool holder which is capable of controlling and modifying the position of the tool holder (310) in the machining module (300), - a unit for detecting the profile (304) of the tool (312) which is mounted on the tool holder, which unit comprises an optical system (100) which is mounted on the workpiece support (320) and which makes it possible to establish the profile of the end portion (313) of the tool (312) mounted on the tool holder (302).

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