

Title (en)

METHOD FOR DETERMINING THE POSITION OF A WORKPIECE IN A MACHINE TOOL

Title (de)

VERFAHREN ZUR LAGEBESTIMMUNG EINES WERKSTÜCKS IN EINER WERKZEUGMASCHINE

Title (fr)

PROCÉDÉ PERMETTANT DE DÉTERMINER LA POSITION D'UNE PIÈCE À USINER DANS UNE MACHINE-OUTIL

Publication

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Application

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Abstract (en)

[origin: WO2016128074A1] The invention relates to a method for determining the position of a workpiece (1) and a tool (3) in a machine tool (2), in which a workpiece (1) is clamped on the machine tool (2), in which the tool (3) is subsequently inserted with the aid of a tool holder (10) into a rotatable spindle shaft (4) and the spindle shaft (4) is set in rotation, in which an electrical voltage is applied between the workpiece (1) and the tool (3), in which the tool (3) and the workpiece (1) are moved towards one another, and in which, when there is contact between the tool (3) and the workpiece (1), a change in the applied voltage is determined and the respective position of the workpiece (1) and/or of the tool (3) is determined and stored in a computer program for the open-loop/closed-loop control of the machining of the workpiece (1).

IPC 8 full level

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