

Title (en)

METHOD FOR DETERMINING A THERMALLY INDUCED CHANGE IN POSITION OF A MACHINE TOOL SECTION OF A MACHINE TOOL

Title (de)

VERFAHREN ZUR BESTIMMUNG EINER THERMISCH BEDINGTEN POSITIONSÄNDERUNG EINES WERKZEUGMASCHINENABSCHNITTS EINER WERKZEUGMASCHINE

Title (fr)

PROCÉDÉ DE DÉTERMINATION D'UN CHANGEMENT DE POSITION D'ORIGINE THERMIQUE D'UNE SECTION D'UNE MACHINE-OUTIL

Publication

**EP 2195714 A1 20100616 (DE)**

Application

**EP 08803973 A 20080910**

Priority

- EP 2008062006 W 20080910
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Abstract (en)

[origin: WO2009037165A1] In order improve methods for determining a thermally induced change in position of a machine tool section of a machine tool, wherein the machine tool section can be moved along a machine tool axis, such that the change in position of the machine tool section can be determined in a manner that is as easy as possible, the invention provides that a deformation model of the machine tool is created, which indicates a relationship between the change in position to be determined and at least one input variable, relative to the machine tool axis, wherein the at least one input variable has at least one temperature value, and the at least one input variable is detected for determining the thermally induced change in position and is input into the deformation model.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2009037165A1

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