

Title (en)
METHOD FOR MACHINING A WORKPIECE BY MEANS OF A CHIP-REMOVING TOOL ON A NUMERICALLY CONTROLLED MACHINE TOOL

Title (de)
VERFAHREN ZUR BEARBEITUNG EINES WERKSTÜCKS MITTELS EINES SPANABHEBENDEN WERKZEUGS AUF EINER NC-GESTEUERTEN WERKZEUGMASCHINE

Title (fr)
PROCÉDÉ D'USINAGE D'UNE PIÈCE AU MOYEN D'UN OUTIL À ENLÈVEMENT DE COPEAUX SUR UNE MACHINE-OUTIL À COMMANDE NUMÉRIQUE

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Application
EP 15738861 A 20150630

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Abstract (en)
[origin: CA2968011A1] The invention relates to a method for machining a workpiece (1) by means of a chip-removing tool (2) on a numerically controlled machine tool, wherein the tool (2) is moved in relation to the workpiece (1) along tool paths (3) that are formed by a sequence of sample points N, wherein the enveloping body (4) arising when the tool (1) is rotated has substantially point contact with the target surface (5) of the workpiece (1) at a contact point (6) during the machining of the workpiece (1), characterized in that, for the data of each sample point N, the data of the contact point (6) of the enveloping body (4) with the target surface (5) of the workpiece (1) are determined and that the tool path (3) is optimized on the basis of the data of the contact point (6).

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