Title (en)
METHOD FOR CODING AND IDENTIFYING A PLATE-TYPE WORKPIECE, METAL-WORKING MACHINE AND USE OF A METAL-WORKING MACHINE

Title (de)
VERFAHREN ZUM KODIEREN UND IDENTIFIZIEREN EINES PLATTENARTIGEN WERKSTÜCKS, METALLBEARBEITUNGSMASCHINE UND VERWENDUNG EINER METALLBEARBEITUNGSMASCHINE

Title (fr)
PROCÉDÉ DE CODAGE ET D'IDENTIFICATION D'UNE PIÈCE À USINER DE TYPE PLAQUE, MACHINE POUR L'USINAGE DE MÉTAUX ET UTILISATION D'UNE MACHINE POUR L'USINAGE DE MÉTAUX

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Application
EP 18788714 A 20181011

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• EP 2018077722 W 20181011

Abstract (en)
[origin: WO2019076723A1] The invention relates to a method for coding and identifying a plate-type workpiece (1), said method comprising the following steps: coding the workpiece (1), a code being produced in the form of a local modification in the material structure of the base material of the workpiece (1), within a coding region (8, 8'); reading out the code by measuring the local distribution of the electrical conductivity and/or the permeability of the base material of the workpiece (1) by means of an eddy-current sensor (4), in a reading region comprising the coding region (8), along a reading-out section (10), and determining a signal calibrated to the distance of the eddy-current sensor (4) from the surface of the reading region (11); storing the read-out code in a memory device (5); repeating the reading-out of the code by means of eddy-current measurement; and comparing the stored code and the repeated read-out code.

IPC 8 full level
G06K 1/12 (2006.01)

CPC (source: EP US)
G06K 1/12 (2013.01 - EP US); **G06K 7/082** (2013.01 - EP); **G06K 7/1413** (2013.01 - US); **G06K 19/06** (2013.01 - EP); **G06K 19/06028** (2013.01 - US)

Citation (search report)
See references of WO 2019076723A1

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DOCDB simple family (publication)
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