

Title (en)

METHOD FOR COORDINATING AN IDENTIFICATION AND THE PROCESSING OF A DEFECT OF A WORKPIECE, AND DEVICE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUR KOORDINIERUNG EINER ERKENNUNG UND DEM BEARBEITEN EINER FEHLSTELLE EINES WERKSTÜCKS SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE COORDINATION D'UNE DÉTECTION ET DE L'USINAGE D'UN EMPLACEMENT DÉFECTUEUX D'UNE PIÈCE, ET DISPOSITIF DE MISE EN OEUVRE DU PROCÉDÉ

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Application

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Priority

EP 2019063677 W 20190527

Abstract (en)

[origin: WO2020239198A1] The invention relates to a method for coordinating an identification of a defect (1) in the surface coating of a workpiece (5) and processing same via grinding and/or polishing using at least one grinding or polishing tool (7, 8) that can be moved over the defect (1) in an automatic and computer-controlled manner on the basis of a stored program, comprising the following method steps: a) automatically, in particular optically, scanning the surface coating of the workpiece (5) and detecting the scanned position data in a database; b) identifying the defect (1) by comparing the detected position data with stored target data of the workpiece (5); c) simulating possible movements of the grinding or polishing tool (7, 8) in order to process the defect (1); d) forwarding the setting data for the grinding or polishing tool (7, 8) determined in the simulation to a master computer; e) transferring the determined processing data for processing the defect (1) to the grinding or polishing tool (7, 8); and f) processing the defect (1) using the grinding or polishing tool (7, 8). The invention also relates to a device for carrying out said method.

IPC 8 full level

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