

Title (en)

METHOD AND DEVICE FOR MACHINING A COMPONENT BY REMOVING MATERIAL

Title (de)

VERFAHREN ZUR DURCHFÜHRUNG EINER UND VORRICHTUNG ZUR MATERIALABTRAGENDEN BEARBEITUNG EINES BAUTEILS

Title (fr)

PROCÉDÉ DE MISE EN UVRE D'UN USINAGE PAR ENLÈVEMENT DE MATIÈRE ET DISPOSITIF D'USINAGE PAR ENLÈVEMENT DE MATIÈRE D'UN COMPOSANT

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Application

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Abstract (en)

[origin: WO2019011535A1] The invention relates to a method for machining a component (2) by removing material, in particular by removing chips, in particular within a groove (1) provided in the component, in which method: spatially resolved measurement data, which comprise information about faults, in particular cracks in the component (2), are provided, and machining of the component (2) by removing material, in particular by removing chips, is performed by means of at least one machining tool (7) mounted for movement in a motorized manner, in particular for translation and/or pivoting in a motorized manner, and is controlled in accordance with the provided measurement data preferably in an automated manner with respect to the positions on the component (2) at which the at least one machining tool (7) is brought into engagement with the component (2) in order to remove material in the region of faults that are present, and in particular is controlled in accordance with the provided measurement data preferably in an automated manner with respect to how deep the at least one machining tool (7) is driven into the component (2). The invention further relates to a device for machining a component (2) by removing material, in particular by removing chips, in particular within a groove (1) provided in the component (2).

IPC 8 full level

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