

Title (en)

DEVICE AND METHOD FOR PRODUCING A WORKPIECE OF A PREDEFINED TYPE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERZEUGEN EINES WERKSTÜCKS EINES VORBESTIMMTEN TYPUS

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PRODUCTION D'UNE PIÈCE D'UN TYPE PRÉDÉFINI

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Application

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Abstract (en)

[origin: WO2017158166A1] The invention relates to a device (10) and a method for descaling a workpiece (12) that is in motion relative to a jet nozzle arrangement (14) in a movement direction (X), in which a liquid (18), particularly water, is sprayed out of the jet nozzles (16) at high pressure onto a surface (20) of the workpiece (12), in order to descale said workpiece (12). A control device (22) is connected to a data memory (21) such that signals may be exchanged, wherein target data of a surface process model for descaling a workpiece (12) are stored in said data memory (21) according to at least one predefined type and preferably according to a plurality of predefined types. The specific energy input with which a surface (20) of the workpiece receives the liquid (18) emitted from the jet nozzles (16) is controlled, preferably feedback controlled, by means of said control device (22) depending on the target data of the surface process model for the predefined type of workpiece.

IPC 8 full level

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