

Title (en)

METHOD FOR REMOVING SURFACE LAYERS BY A LIQUID JET

Title (de)

VERFAHREN ZUM FLÜSSIGKEITSSTRAHL-ENTSCHICHTEN VON OBERFLÄCHEN

Title (fr)

PROCÉDÉ POUR ÉLIMINER PAR JET DE LIQUIDE LE REVÊTEMENT DE SURFACES

Publication

**EP 3233292 A1 20171025 (DE)**

Application

**EP 15788368 A 20151027**

Priority

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- EP 2015074893 W 20151027

Abstract (en)

[origin: WO2016096218A1] Method for removing a surface layer from a workpiece (15) by a liquid jet, using a compressor unit (3), which compresses a liquid to produce a liquid jet, and using a nozzle (10), which is connected to the compressor unit (3) and has an outlet opening (11), through which the compressed liquid leaves in the form of a liquid jet (14). It also involves using an interrupter unit (8), which can interrupt or allow a flow of the compressed liquid to the outlet opening (11), wherein the following method steps are carried out: - compressing the liquid by the compressor unit (3), - moving the outlet opening (11) closer to the surface of the workpiece (15), until it reaches a working distance (d), wherein the working distance is set such that the liquid jet (14) detaches the coating to be removed from the surface of the workpiece without damaging the workpiece itself, - alternately allowing and interrupting the liquid jet (14) from the outlet opening (11) by the interrupter unit (8), wherein at the same time the nozzle is moved in a working direction (22) in relation to the workpiece.

IPC 8 full level

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CPC (source: EP)

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