

Title (en)

METHOD AND DEVICE FOR CLEANING METAL WORKPIECES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REINIGEN VON WERKSTÜCKEN AUS METALL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE NETTOYAGE DE PIÈCES EN MÉTAL

Publication

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Application

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Abstract (en)

[origin: WO2017186888A1] In conventional methods for cleaning the surface of workpieces (4) in automatic production by means of steam or hot water, the temperature of workpieces (4) can undergo such a change that the dimensions exceed tolerances as a result of the thermal expansion, and subsequent mounting or machining is only possible after a thermal treatment step. According to the invention, it is proposed to perform cleaning by sweeping a jet (28) of steam or hot water over the surface of the workpiece (4) and carrying out this process at reduced pressure, so that the remains of condensed steam or water that are present on the surface evaporate at least partially, and thereby extract from the workpiece (4) heat that has been imparted to it by the steam or the hot water. Preferably, the cleaned surface is at the same time dried.

IPC 8 full level

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