

Title (en)

DEVICE AND METHOD FOR THE SURFACE PEENING OF A COMPONENT OF A GAS TURBINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM OBERFLÄCHENSTRAHLEN EINES BAUTEILS EINER GASTURBINE

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR GRENAILLER LA SURFACE D'UNE PIÈCE DE TURBINE À GAZ

Publication

EP 2117777 B1 20110223 (DE)

Application

EP 07856056 A 20071205

Priority

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Abstract (en)

[origin: US2010037669A1] A device for surface-peening, especially for the ultrasound shot-peening of a component of a gas turbine, having at least one vibration means that comprises a surface that propels the peening material, and having a holding means with which a surface area of the component and the surface of the vibration means can be arranged with respect to each other is disclosed. In this context, the angular position of the surface of the at least one vibration means can be adjusted relative to the surface area of the component of the gas turbine. Moreover, a method is provided in which the angular position of the surface of the at least one vibration means can be adjusted relative to the surface area of the component.

IPC 8 full level

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