

Title (en)

Method for treating a surface of a turbine blade in a hollow cavity of the turbine blade and device for treating a surface of a component

Title (de)

Verfahren zum Behandeln einer Oberfläche einer Turbinenschaufel in einem Hohlraum der Turbinenschaufel und Vorrichtung zum Behandeln einer Oberfläche eines Bauteils

Title (fr)

Procédé de traitement d'une surface d'une pale de turbine dans un espace creux de la pale de turbine et dispositif de traitement d'une surface d'un composant

Publication

**EP 2149404 A1 20100203 (DE)**

Application

**EP 08013546 A 20080728**

Priority

EP 08013546 A 20080728

Abstract (en)

The method involves introducing a cleaning agent (12) into a hollow space (9), which contains a surface of a gas turbine blade (8). The blade is arranged in a radiation chamber (19). The cleaning agent is accelerated as mechanical abrasive on the surface within the hollow space and/or along the surface. The surface is chemically cleaned and/or de-stratified. The cleaning agent in the hollow space is sucked by producing low pressure in and/or at the hollow space. Contaminated mechanical abrasives are removed by suction. An independent claim is also included for a device for treating a surface of a turbine blade.

Abstract (de)

Um ein Behandeln einer Hohlraumoberfläche einer Turbinenschaufel (8) effektiver zu gestalten, wird ein Verfahren zum Behandeln einer Oberfläche einer Turbinenschaufel (8) in einem Hohlraum (9) der Turbinenschaufel (8) vorgeschlagen, bei welchem Reinigungsmittel (12) in den Hohlraum (9) eingeleitet werden, wobei sich das Verfahren dadurch auszeichnet, dass die Reinigungsmittel (12) in den Hohlraum (9) hindurch gesaugt werden.

IPC 8 full level

**B08B 9/00** (2006.01); **F01D 25/00** (2006.01)

CPC (source: EP)

**B08B 9/00** (2013.01); **F01D 25/002** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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