

Title (en)

Facility and device concept for a shotpeening facility for strengthening rotor blade bases in gas turbines

Title (de)

Anlagen- und Vorrichtungskonzept für eine Shotpeeninganlage zum Verfestigen von Gasturbinen Laufschaufelfüssen

Title (fr)

Concept d'installation et de dispositif pour une installation de grenaillage destinée à la solidification de turbines de gaz de pieds d'aubes mobiles

Publication

EP 1980366 B1 20091118 (DE)

Application

EP 07007545 A 20070412

Priority

EP 07007545 A 20070412

Abstract (en)

[origin: EP1980366A1] The device (1) has a blade root (3), blade platform (4) and blade sheet (5) with a blasting cubicle (6), which includes an insert opening (8). A jet unit delivers an accelerated shot into the blasting cubicle, and a holder (7) for the turbine blade. A seal (11) is provided for sealing a gap (10) between the holder and blade platform within a region of the insert opening, and preventing withdrawal of dust, developed during radiation from the blasting cubicle. The seal seals the gap from the cubicle interior.

IPC 8 full level

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CPC (source: EP US)

B24C 1/04 (2013.01 - EP US); **B24C 1/10** (2013.01 - EP US)

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DOCDB simple family (publication)

EP 1980366 A1 20081015; **EP 1980366 B1 20091118**; AT E448908 T1 20091215; DE 502007002038 D1 20091231; US 2008295557 A1 20081204; US 7596978 B2 20091006

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