

Title (en)

METHOD FOR PRODUCING A HARD COATING OF A GAS TURBINE BLADE TIP AND GAS TURBINE BLADE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER PANZERUNG EINER SCHAUFESPITZE SOWIE GASTURBINENSCHAUFEL

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN REVÊTEMENT DUR D'UN BOUT D'AUBE DE TURBINE À GAZ ET AUBE DE TURBINE À GAZ

Publication

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Application

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Abstract (en)

[origin: WO2010121597A2] The invention relates to a method for producing a plating (5) of a vane tip. Said method consists of the following steps: a) a vane having a vane tip which is arranged opposite the base of the vane (2) and which comprises a surface which points radially outwards is provided, and b) a porous layer (7) is applied to at least the surface (4) of the vane tip and/or c) a bulge (8) which increases the surface of the vane tip is applied to at least one part of the flanks of the vane tip, said flanks surrounding the surface of the vane tip, and d) the plating (5) is applied to the porous layer and/or the bulge. The invention also relates to corresponding vanes or gas turbines with corresponding vanes.

IPC 8 full level

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Citation (search report)

See references of WO 2010121597A2

Cited by

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