

Title (en)

Method for treatment of a surface of a gas turbine engine component

Title (de)

Verfahren zum Bearbeiten einer Oberfläche eines Bauteils eines Flugtriebwerks

Title (fr)

Procédé de traitement d'une surface d'un composant d'un turbine à gas

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EP 2014415 B1 20110803 (DE)

Application

EP 08011156 A 20080619

Priority

DE 102007031602 A 20070706

Abstract (en)

[origin: EP2014415A1] The treatment process for the surface (18) of an engine component (12) involves preparing a treatment device (1) including a high-velocity oxygen fuel (HVOF) burner (10) with a nozzle (16) or a cold gas spray device, and a powder containing ceramic, preparing the surface and blowing the powder over at least a sector of it using the HVOF burner or cold gas injection, moving it along the surface to roughen or activate it.

IPC 8 full level

B24C 1/00 (2006.01); **C23C 4/02** (2006.01); **C23C 4/12** (2006.01); **C23C 24/00** (2006.01)

CPC (source: EP)

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Cited by

US2013034661A1; US9347136B2; US9758875B2; WO2011131166A1; DE102010017859A1

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