

Title (en)

COATING PROCESS AND CORROSION PROTECTION COATING FOR TURBINE COMPONENTS

Title (de)

BESCHICHTUNGSVERFAHREN UND KORROSIONSSCHUTZBESCHICHTUNG FÜR TURBINEN-KOMPONENTEN

Title (fr)

PROCÉDÉ DE REVÊTEMENT ET REVÊTEMENT DE PROTECTION ANTI-CORROSION POUR DES ÉLÉMENTS DE TURBINES

Publication

EP 2297378 A1 20110323 (DE)

Application

EP 09779887 A 20090623

Priority

- EP 2009057803 W 20090623
- EP 08012574 A 20080711
- EP 09779887 A 20090623

Abstract (en)

[origin: EP2143819A1] Method for coating a surface (23) of a fuel-guiding component (20) of a turbine component comprises coating the surface initially with a titanium nitride layer (21) using chemical gas phase deposition and then with an alpha-aluminum oxide layer (22). An independent claim is also included for a turbine component with the above coating.

IPC 8 full level

C23C 16/40 (2006.01); **C23C 16/34** (2006.01)

CPC (source: EP US)

C23C 16/34 (2013.01 - EP US); **C23C 16/403** (2013.01 - EP US); **C23C 28/04** (2013.01 - EP US); **F23M 5/00** (2013.01 - EP US); **F23R 3/002** (2013.01 - EP US); **F23R 3/007** (2013.01 - EP US); **F23M 2900/05004** (2013.01 - EP US); **F23R 2900/00018** (2013.01 - EP US); **Y10T 428/31678** (2015.04 - EP US)

Citation (search report)

See references of WO 2010003816A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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