

Title (en)  
METHOD OF PRODUCING A PROTECTIVE COATING, PROTECTIVE COATING, AND COMPONENT WITH A PROTECTIVE COATING

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER SCHUTZSCHICHT, SCHUTZSCHICHT UND BAUTEIL MIT EINER SCHUTZSCHICHT

Title (fr)  
PROCEDE DE PRODUCTION D'UNE COUCHE DE PROTECTION, COUCHE DE PROTECTION ET COMPOSANT POURVU D'UNE COUCHE DE PROTECTION

Publication  
**EP 1929060 A1 20080611 (DE)**

Application  
**EP 06805298 A 20060916**

Priority  

- DE 2006001636 W 20060916
- DE 102005044991 A 20050921

Abstract (en)  
[origin: WO2007033650A1] The present invention relates to a method of producing a wear-, heat- and corrosion-resistant protective coating for a component, in particular for components of a gas turbine, by means of thermal spraying, wherein, during the application of the protective coating, consisting of ceramic and/or a carbide/metal combination, to the component, structuring of that surface of the protective coating which faces away from the component is effected in order to produce an abrasive surface. In addition, the invention relates to a protective coating, namely a wear-, heat- and corrosion-resistant protective coating for a component, in particular for components of a gas turbine, having an abrasive surface. In this case, the protective coating is formed in a single layer and is produced by the method according to the invention. In addition, the invention relates to a component, in particular a component of a gas turbine, having a protective coating.

IPC 8 full level  
**C23C 4/00** (2006.01)

CPC (source: EP US)  
**C23C 4/00** (2013.01 - EP US); **C23C 4/01** (2016.01 - EP US); **Y02T 50/60** (2013.01 - US); **Y10T 428/12486** (2015.01 - EP US)

Citation (search report)  
See references of WO 2007033650A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**DE 102005044991 A1 20070322**; EP 1929060 A1 20080611; US 2009169372 A1 20090702; WO 2007033650 A1 20070329

DOCDB simple family (application)  
**DE 102005044991 A 20050921**; DE 2006001636 W 20060916; EP 06805298 A 20060916; US 6727406 A 20060916