

Title (en)

PROTECTIVE LAYER AGAINST HOT GAS CORROSION IN THE COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

Title (de)

SCHUTZSCHICHT GEGEN HEISSGASKORROSION IM VERBRENNUNGSRAUM EINER BRENNKRAFTMASCHINE

Title (fr)

COUCHE PROTECTRICE CONTRE LA CORROSION PAR GAZ CHAUDS DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR THERMIQUE

Publication

EP 1848839 A2 20071031 (DE)

Application

EP 06706649 A 20060204

Priority

- EP 2006000991 W 20060204
- DE 102005006671 A 20050215

Abstract (en)

[origin: US2012180748A1] A coating for a tribologically heavily loaded component, wherein the coating is in the form of a ceramic coating made of an organic-inorganic prepolymer which is pyrolyzed after being applied to the component.

IPC 8 full level

C23C 18/12 (2006.01)

CPC (source: EP US)

C23C 18/1208 (2013.01 - EP US); **C23C 18/1225** (2013.01 - EP US); **C23C 18/127** (2013.01 - EP US); **F02F 3/10** (2013.01 - EP US); **F05C 2203/08** (2013.01 - EP US); **F05C 2253/12** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DE 102005006671 A 20050215; AT 06706649 T 20060204; EP 06706649 A 20060204; EP 2006000991 W 20060204; JP 2007555494 A 20060204; US 201213428745 A 20120323; US 81636406 A 20060204