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 B1 20111005 (DE)

Application

EP 06706649 A 20060204

Priority

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Abstract (en)

[origin: WO2006087114A2] The invention relates to a coating for a tribologically highly loaded component., wherein said coating is embodied in the form of a ceramic coating made of an organic-inorganic prepolymer which is pyrolysed after being applied to the component.

IPC 8 full level

C23C 18/12 (2006.01)

CPC (source: EP US)

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Citation (examination)

P. GREIL: "Polymer Derived Engineering Ceramics", ADVANCED ENGINEERING MATERIALS, vol. 2, no. 6, 14 June 2000 (2000-06-14), pages 339 - 348, XP007910707

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