

Title (en)

METHOD FOR PRODUCING A PROTECTIVE COATING, PROTECTIVE COATING AND COMPONENT PROVIDED WITH A COATING OF THIS TYPE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER SCHUTZSCHICHT, SCHUTZSCHICHT UND BAUTEIL MIT EINER SOLCHEN SCHUTZSCHICHT

Title (fr)

PROCEDE POUR PRODUIRE UNE COUCHE DE PROTECTION, COUCHE DE PROTECTION ET COMPOSANT PRESENTANT UNE TELLE COUCHE DE PROTECTION

Publication

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Application

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Abstract (en)

[origin: WO2005052212A1] The invention relates to a method for producing a protective coating against oxidation and/or corrosion for components, in particular gas turbine components. According to said method, a component comprising a substrate surface and a substrate composition is prepared. Then a coating material consisting at least of platinum (Pt) and aluminium (Al) is provided and deposited on the component to be coated in a physical vapour deposition process (PVD). The platinum (Pt) and aluminium (Al) are deposited together on the component to be coated in a single PVD.

IPC 8 full level

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