

Title (en)

METHOD FOR PRODUCING A PROTECTIVE LAYER ON A THERMALLY STRESSED COMPONENT AND COMPONENT HAVING SUCH A PROTECTIVE LAYER

Title (de)

VERFAHREN ZUR ERZEUGUNG EINER SCHUTZSCHICHT AUF EINEM THERMISCH BELASTETEN BAUTEIL SOWIE BAUTEIL MIT EINER DERARTIGEN SCHUTZSCHICHT

Title (fr)

PROCÉDÉ POUR PRODUIRE UNE COUCHE PROTECTRICE SUR UN COMPOSANT SOUMIS À DES CONTRAINTES THERMIQUES, ET COMPOSANT DOTÉ D'UNE COUCHE PROTECTRICE DE CE TYPE

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Application

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Abstract (en)

[origin: WO2015090267A1] The invention relates to a method for producing a protective layer on a thermally stressed component, which consists at least partially of a valve metal, wherein the protective layer is produced by an electrochemical process. The method according to the invention is characterized in that the electrochemical process is a plasma-electrolytical oxidation using an electrolyte and connected to an electrical output. The invention furthermore relates to a component having a protective layer, wherein the protective layer is produced by a method according to the invention, wherein the component consists at least partially of a valve metal.

IPC 8 full level

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