

Title (en)

STEAM TURBINE COMPONENT AND METHOD FOR PRODUCING A PROTECTIVE COATING ON THE COMPONENT

Title (de)

DAMPFTURBINENBAUTEIL SOWIE VERFAHREN ZUR HERSTELLUNG EINER SCHUTZBESCHICHTUNG AUF DEM BAUTEIL

Title (fr)

ELEMENT POUR UNE TURBINE A VAPEUR ET PROCEDE POUR PRODUIRE UN REVETEMENT DE PROTECTION SUR L' ELEMENT

Publication

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Application

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Abstract (en)

[origin: WO0070190A1] The invention relates to a component (80) which can be subjected to hot steam and which has a metallic base body (81) to which a protective layer (82) is bonded by diffusion. Said protective layer (82) increases the base material's resistance to oxidation, comprises aluminum, and has a thickness (D) of less than 50  $\mu$  m. The invention also relates to a method for producing a protective coating which increases the component's (80) resistance to oxidation.

IPC 1-7

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