

Title (en)

PRODUCT, ESPECIALLY A GAS TURBINE COMPONENT, WITH A CERAMIC HEAT INSULATING LAYER, AND PROCESS FOR MAKING THE SAME

Title (de)

ERZEUGNIS, INSBESONDERE BAUTEIL EINER GASTURBINE, MIT KERAMISCHER WÄRMEDÄMMSCHICHT, UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

PRODUIT, EN PARTICULIER COMPOSANT D'UNE TURBINE A GAZ, A COUCHE THERMO-ISOLANTE EN CERAMIQUE, ET PROCEDE POUR OBTENIR LADIT PRODUIT

Publication

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Application

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Abstract (en)

[origin: WO9923271A1] The invention relates to a product (3), especially a component of a heat engine such as a gas turbine, which can be exposed to a hot aggressive gas (7). The product (3) has a metal base body (1) to which a ceramic heat insulating layer (4) is applied. The heat insulating layer (4) consists of a metal mixed oxide system and a lanthanum aluminate and/or calcium zirconate, whereby the calcium is replaced by a substitute element, especially strontium.

IPC 1-7

**C23C 4/10**

IPC 8 full level

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