Title (en)

PRODUCT, ESPECIALLY A GAS TURBINE COMPONENT, WITH A CERAMIC HEAT INSULATING LAYER

Title (de)

ERZEUGNIS, INSBESONDERE BAUTEIL EINER GASTURBINE, MIT KERAMISCHER WÄRMEDÄMMSCHICHT

Title (fr)

PRODUIT, EN PARTICULIER COMPOSANT D'UNE TURBINE A GAZ, A COUCHE THERMO-ISOLANTE EN CERAMIQUE

Publication

EP 1029101 A1 20000823 (DE)

Application

EP 98961067 A 19981103

Priority

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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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CPC (source: EP US)

C23C 4/11 (2016.01 - EP US); **C23C 28/00** (2013.01 - EP US); **C23C 28/042** (2013.01 - EP US)

Citation (search report)

See references of WO 9923271A1

Cited by

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