

Title (en)

GAS TURBINE BLADE OR COMPRESSOR BLADE HAVING ANTI-FRETTING COATING IN THE BLADE ROOT REGION AND ROTOR

Title (de)

GASTURBINENSCHAUFEL ODER VERDICHTERSCHAUFEL MIT ANTI-FRETTING-BESCHICHTUNG IM SCHAUFELFUSSBEREICH UND ROTOR

Title (fr)

AUBE DE TURBINE À GAZ OU AUBE DE COMPRESSEUR DOTÉE D'UN REVÊTEMENT ANTI-USURE DE CONTACT EN PIED D'AUBE ET ROTOR

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Application

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Abstract (en)

[origin: WO2017028912A1] According to the invention, the use of a polymer coating (25) in the carrying flank region (24) minimizes damages. Moreover, a long-term separating effect between the components, e.g. rotor blade and rotor disk, is ensured. According to the invention, the rotor disk groove can alternatively also be coated in whole or in part.

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