

Title (en)

COATING A FUNCTIONAL COMPONENT WHICH IS SUBJECT TO A THERMAL LOAD AND EROSION

Title (de)

BESCHICHTUNG EINES THERMISCH UND EROSIV BELASTETEN FUNKTIONSBAUTEILS

Title (fr)

REVETEMENT POUR UN COMPOSANT FONCTIONNEL SUBISSANT UNE CHARGE THERMIQUE ET UN PHÉNOMÈNE D'ÉROSION

Publication

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Application

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Abstract (en)

[origin: WO2007101529A1] The invention relates to a functional component from metal which is subject to a thermal load or a thermal load and erosion and to at least one surface of which a coating is applied, said coating consisting of a binder phase containing zirconium fluoride and a material embedded in said binder phase. The invention also relates to a mold release agent for producing said coating and to a method for applying said coating to a functional component.

IPC 8 full level

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Citation (search report)

See references of WO 2007101529A1

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