

Title (en)

METHOD FOR CARRYING OUT NONDESTRUCTIVE TESTING OF ALLOYS, WHICH CONTAIN CARBIDES OR WHICH ARE SULFIDED NEAR THE SURFACE, AND FOR PRODUCING A GAS TURBINE BLADE

Title (de)

VERFAHREN ZUR ZERSTÖRUNGSFREIEN PRÜFUNG CARBIDHALTIGER ODER IN OBERFLÄCHENNÄHE SULFIDIERTER LEGIERUNGEN

Title (fr)

PROCEDE DE CONTROLE NON DESTRUCTEUR D'ALLIAGES CONTENANT DES CARBURES OU SULFURES EN SURFACE ET DE FABRICATION D'UNE AILETTE DE TURBINE A GAZ

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Application

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Abstract (en)

[origin: WO02079774A2] The invention relates to a method for carrying out nondestructive testing of a gas turbine blade (1) during which corrosion areas (9), which are located near the surface and which consist of oxidized carbides or of base material that is sulfided near the surface, are determined by means of an eddy current measurement. As a result, the blades can be ground or sorted, in particular, before subjecting the gas turbine blades to a complicated cleaning and coating process.

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