

Title (en)

METHOD FOR LOCAL ALITISING, SILICONISING AND CHROMING OF METAL COMPONENTS

Title (de)

VERFAHREN ZU LOKALEN ALITIERUNG, SILIZIERUNG ODER CHROMIERUNG VON METALLISCHEN BAUTEILEN

Title (fr)

PROCEDE DE TRAITEMENT A L'ALITE, A LA SILICE OU AU CHROME DE COMPOSANTS METALLIQUES

Publication

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Application

EP 04786831 A 20040923

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Abstract (en)

[origin: WO2005035819A1] The invention relates to a method for producing a locally limited diffusion layer on a metal component consisting in applying a Cr, Si and/or Al and activator-containing paste to the coatable areas of a metal component, hardening said paste in the form of dispenser packing, covering the non-coatable areas adjacent to the dispensing packing with a diffusion blocking powder packing and in heating at a temperature less than 900 DEG C in order to carry out alitising, siliconising and/ or chroming. The use of the inventive method for producing turbine blades is also disclosed.

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