

Title (en)

METHOD FOR PRODUCING AN INLET LINING

Title (de)

VERFAHREN ZUM HERSTELLEN EINES EINLAUFBELAGS

Title (fr)

PROCEDE DE PRODUCTION D'UNE GARNITURE DE RODAGE

Publication

EP 1948839 A2 20080730 (DE)

Application

EP 06805507 A 20061110

Priority

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Abstract (en)

[origin: WO2007056979A2] The invention relates to a method for producing an inlet lining on a stator-side component of a turbomachine, particularly a gas turbine, with at least the following steps: a) providing a stator-side component of a turbomachine, this component being provided with an inlet lining; b) providing a mixture consisting of a solvent, of particles of a metallic parent material for the inlet lining, said particles being insoluble in the solvent, and consisting of a filler, this filler having at least one constituent that is soluble in the solvent; c) applying the mixture to the stator-side component; d) drying the stator-side component and the mixture applied to the component while at least partially expelling the solvent in order to prepare a porous green body; e) diffusion heat treating the component for inwardly diffusing aluminum and/or chromium and for forming intermetallic phases in the forming inlet lining.

IPC 8 full level

C23C 10/18 (2006.01)

CPC (source: EP US)

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Citation (search report)

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