

Title (en)

METHOD FOR PRODUCING AN INLET LINING AND GUIDE BLADE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES EINLAUFBELAGS SOWIE LEITSCHAUFEL

Title (fr)

PROCÉDÉ DE FABRICATION D'UN REVÊTEMENT ABRADABLE ET AUBE DIRECTRICE

Publication

EP 2734710 B1 20171129 (DE)

Application

EP 12759627 A 20120718

Priority

- DE 102011110927 A 20110720
- DE 102011086775 A 20111122
- DE 2012000731 W 20120718

Abstract (en)

[origin: WO2013010529A1] The invention relates to a method for producing an inlet lining for a turbomachine for slowing down a rotor in the event of a shaft fracture, wherein the inlet lining is formed as an integral generative blade section when a blade is produced generatively. The invention further relates to an inlet system, comprising an inlet ring that is arranged circumferentially on a series of blades and has a chamber-like material structure, to a turbomachine having such an inlet system, and to a guide blade having such an inlet lining.

IPC 8 full level

F01D 21/00 (2006.01); **F01D 21/04** (2006.01)

CPC (source: EP US)

F01D 5/288 (2013.01 - US); **F01D 21/006** (2013.01 - EP US); **F01D 21/04** (2013.01 - EP US); **Y10T 29/49316** (2015.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102011086775 A1 20130124; EP 2734710 A1 20140528; EP 2734710 B1 20171129; ES 2652455 T3 20180202; US 2014161624 A1 20140612; US 9840919 B2 20171212; WO 2013010529 A1 20130124

DOCDB simple family (application)

DE 102011086775 A 20111122; DE 2012000731 W 20120718; EP 12759627 A 20120718; ES 12759627 T 20120718; US 201214233663 A 20120718