

Title (en)

IMPROVED CASING FOR TURBOMACHINE BLISK AND TURBOMACHINE EQUIPPED WITH SAID CASING

Title (de)

VERBESSERTES GEHÄUSE FÜR TURBOMASCHINEN-BLISK UND TURBOMASCHINE MIT DIESEM GEHÄUSE

Title (fr)

CARTER POUR ROUE A AUBES DE TURBOMACHINE AMELIORE ET TURBOMACHINE EQUIPEE DUDIT CARTER

Publication

EP 2839168 A1 20150225 (FR)

Application

EP 13707679 A 20130307

Priority

- FR 1252366 A 20120315
- EP 2013054636 W 20130307

Abstract (en)

[origin: WO2013135561A1] The invention relates to a casing (10) for a blisk (20) of a turbomachine (1) comprising an internal coating (11) made of an abradable material, and a plurality of circumferential slots (12) arranged in said coating (11) of abradable material, said casing further comprising a circumferential cavity (13) formed in the coating (11) of abradable material, into which cavity the slots (12) open, said slots (12) opening into said cavity (13) and extending between said cavity (13) and the internal surface (15) of the casing (10). The invention also relates to a turbomachine comprising such a casing and a blisk.

IPC 8 full level

F04D 29/52 (2006.01)

CPC (source: EP RU US)

F01D 11/122 (2013.01 - EP US); **F04D 29/526** (2013.01 - EP US); **F04D 29/663** (2013.01 - US); **F04D 29/667** (2013.01 - US); **F04D 29/685** (2013.01 - EP US); **F04D 29/526** (2013.01 - RU); **F04D 29/665** (2013.01 - EP RU); **F05D 2300/611** (2013.01 - 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013135561 A1 20130919; BR 112014022674 A2 20170620; BR 112014022674 B1 20211130; CA 2867058 A1 20130919; CA 2867058 C 20200922; CN 104169589 A 20141126; CN 104169589 B 20170623; EP 2839168 A1 20150225; EP 2839168 B1 20200923; FR 2988146 A1 20130920; FR 2988146 B1 20140411; JP 2015510084 A 20150402; JP 6170513 B2 20170726; RU 2014141501 A 20160510; RU 2618371 C2 20170503; US 2015037142 A1 20150205; US 9651060 B2 20170516

DOCDB simple family (application)

EP 2013054636 W 20130307; BR 112014022674 A 20130307; CA 2867058 A 20130307; CN 201380014246 A 20130307; EP 13707679 A 20130307; FR 1252366 A 20120315; JP 2014561374 A 20130307; RU 2014141501 A 20130307; US 201314385328 A 20130307