

Title (en)
SEALING STRUCTURE

Title (de)
DICHTUNGSSTRUKTUR

Title (fr)
STRUCTURE D'ÉTANCHÉITÉ

Publication
EP 2813736 B1 20161130 (EN)

Application
EP 13746796 A 20130205

Priority
• JP 2012023071 A 20120206
• JP 2013052564 W 20130205

Abstract (en)
[origin: US2013216362A1] Provided is a seal structure, which includes fins configured to protrude from an outer circumferential surface of a rotor in a circumferential direction, and stator blades having an abradable coating formed on an inner circumferential surface of an inner shroud so as to face the fins. The inner circumferential surface of the inner shroud is formed in an uneven shape, and the abradable coating is formed along the uneven shape.

IPC 8 full level
F16J 15/453 (2006.01); **F01D 11/02** (2006.01); **F02C 7/28** (2006.01)

CPC (source: EP US)
F01D 11/02 (2013.01 - EP US); **F01D 11/122** (2013.01 - US); **F05D 2230/90** (2013.01 - EP US); **F05D 2250/61** (2013.01 - EP US); **F05D 2300/611** (2013.01 - 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)
US 2013216362 A1 20130822; CN 103958949 A 20140730; CN 103958949 B 20160316; EP 2813736 A1 20141217; EP 2813736 A4 20151125; EP 2813736 B1 20161130; IN 911MUN2014 A 20150417; JP 2013160313 A 20130819; JP 5308548 B2 20131009; KR 101600732 B1 20160307; KR 20140083048 A 20140703; WO 2013118701 A1 20130815

DOCDB simple family (application)
US 201313758158 A 20130204; CN 201380003866 A 20130205; EP 13746796 A 20130205; IN 911MUN2014 A 20140515; JP 2012023071 A 20120206; JP 2013052564 W 20130205; KR 20147014047 A 20130205