

Title (en)

MACHINE WITH ABRADABLE RIDGES AND METHOD

Title (de)

MASCHINE MIT SCHLEIFBAREN LEISTEN UND VERFAHREN

Title (fr)

MACHINE COMPORTANT DES CRÊTES SUSCEPTIBLES D'ÉROSION ET PROCÉDÉ ASSOCIÉ

Publication

EP 2494210 B1 20180926 (EN)

Application

EP 10771600 A 20101012

Priority

- IT CO20090045 A 20091030
- US 2010052232 W 20101012

Abstract (en)

[origin: WO2011053448A1] Method for making and machine having a fixed part (48) including a portion with a smooth surface, a rotating part (32) configured to rotate relative to the fixed part, the rotating part (32) directly facing the portion of the fixed part (48); and plural ridges (72) formed on the portion of the fixed part (48) directly facing the rotating part (32), the plural ridges (72) being made of an abradable material that is configured to be inoperable at temperatures above 1000 °C.

IPC 8 full level

F01D 11/12 (2006.01); **F04D 29/02** (2006.01); **F04D 29/16** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP KR US)

F01D 11/12 (2013.01 - EP KR US); **F04D 29/02** (2013.01 - EP KR US); **F04D 29/16** (2013.01 - EP KR US);
F04D 29/44 (2013.01 - EP KR US); **F05D 2250/181** (2013.01 - EP KR US); **F05D 2250/182** (2013.01 - EP US);
F05D 2250/183 (2013.01 - EP US); **F05D 2250/184** (2013.01 - EP US); **F05D 2300/17** (2013.01 - EP US); **F05D 2300/173** (2013.01 - EP US);
F05D 2300/43 (2013.01 - EP KR US); **F05D 2300/432** (2013.01 - EP US); **F05D 2300/434** (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)

WO 2011053448 A1 20110505; WO 2011053448 A8 20120614; BR 112012009977 A2 20160301; CA 2779380 A1 20110505;
CN 102753833 A 20121024; CN 102753833 B 20160210; EP 2494210 A1 20120905; EP 2494210 B1 20180926; IT 1396362 B1 20121119;
IT CO20090045 A1 20110430; JP 2013509533 A 20130314; JP 5728017 B2 20150603; KR 20120095407 A 20120828;
MX 2012005085 A 20121001; RU 2012119299 A 20131210; RU 2556092 C2 20150710; US 2013004305 A1 20130103

DOCDB simple family (application)

US 2010052232 W 20101012; BR 112012009977 A 20101012; CA 2779380 A 20101012; CN 201080060067 A 20101012;
EP 10771600 A 20101012; IT CO20090045 A 20091030; JP 2012536842 A 20101012; KR 20127013901 A 20101012;
MX 2012005085 A 20101012; RU 2012119299 A 20101012; US 201013505086 A 20101012