

Title (en)
TURBOMACHINE COMPRESSOR BLADE COMPRISING A CURVED PORTION

Title (de)
VERDICHTERSCHAUFEL EINER TURBOMASCHINE MIT EINEM GEKRÜMMTEN TEIL

Title (fr)
AUBE DE STATOR DE TURBOMACHINE COMPORTANT UNE PORTION BOMBÉE

Publication
EP 2766577 B1 20181205 (FR)

Application
EP 12780239 A 20121011

Priority
• FR 1159255 A 20111013
• FR 2012052314 W 20121011

Abstract (en)
[origin: WO2013054049A1] The invention proposes a turbomachine compressor blade (10) of radial overall orientation with respect to the main axis of the turbomachine, the blade (10) comprising a radial internal root part (12), a radial external tip part (14) and a radially intermediate part (16), characterized in that the blade (10) comprises a curved part (34) curved tangentially in a direction and at least one straight part in the region of the root part (12) and/or in the region of the tip part (14).

IPC 8 full level
F01D 5/16 (2006.01); **F01D 5/14** (2006.01); **F01D 9/04** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP RU US)
F01D 5/141 (2013.01 - EP US); **F01D 5/16** (2013.01 - EP US); **F01D 9/041** (2013.01 - EP US); **F04D 29/324** (2013.01 - EP US); **F04D 29/403** (2013.01 - US); **F04D 29/661** (2013.01 - US); **F01D 5/141** (2013.01 - RU); **F05D 2260/96** (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 2013054049 A1 20130418; BR 112014008623 A2 20170418; BR 112014008623 B1 20211109; CA 2850901 A1 20130418; CA 2850901 C 20191029; CN 103857880 A 20140611; CN 103857880 B 20160713; EP 2766577 A1 20140820; EP 2766577 B1 20181205; FR 2981396 A1 20130419; JP 2014528552 A 20141027; RU 2014118768 A 20151120; RU 2641768 C2 20180122; US 10309419 B2 20190604; US 2014248144 A1 20140904

DOCDB simple family (application)
FR 2012052314 W 20121011; BR 112014008623 A 20121011; CA 2850901 A 20121011; CN 201280049007 A 20121011; EP 12780239 A 20121011; FR 1159255 A 20111013; JP 2014535148 A 20121011; RU 2014118768 A 20121011; US 201214349000 A 20121011