

Title (en)
METHOD FOR MANUFACTURING A COMPRESSOR IMPELLER

Title (de)
VERFAHREN ZUM HERSTELLEN EINES KOMPRESSORLAUFRADS

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE ROUE MOBILE DE COMPRESSEUR

Publication
EP 3215286 A1 20170913 (DE)

Application
EP 15807614 A 20151130

Priority

- DE 102014225674 A 20141212
- EP 2015078004 W 20151130

Abstract (en)
[origin: WO2016091629A1] Disclosed is a method for manufacturing a compressor impeller wherein the compressor impeller is cast using a mold. As a first alternative, the mold is made using 3D printing. As a second alternative, a model of the compressor impeller is made using 3D printing, and the mold is then made on the basis of said model.

IPC 8 full level
B22C 7/02 (2006.01); **B22C 9/02** (2006.01); **B22C 9/04** (2006.01); **B22C 9/10** (2006.01); **B28B 1/00** (2006.01); **B29C 67/00** (2017.01); **F04D 29/28** (2006.01)

CPC (source: CN EP US)
B22C 7/02 (2013.01 - CN EP US); **B22C 9/02** (2013.01 - CN EP US); **B22C 9/04** (2013.01 - CN EP US); **B22C 9/10** (2013.01 - CN EP US); **B28B 1/14** (2013.01 - US); **B33Y 10/00** (2014.12 - CN); **B33Y 80/00** (2014.12 - EP US); **F04D 29/284** (2013.01 - CN EP US); **F04D 29/321** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2016091629A1

Citation (examination)
US 2010006252 A1 20100114 - ROBY STEPHEN I [US]

Cited by
US11027108B2; US11584571B2; US11691866B2; US11319201B2; US11577953B2; US11623856B2

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 2016091629 A1 20160616; CN 107000036 A 20170801; DE 102014225674 A1 20160616; EP 3215286 A1 20170913; RU 2017124607 A 20190114; RU 2017124607 A3 20190114; US 2017333979 A1 20171123

DOCDB simple family (application)
EP 2015078004 W 20151130; CN 201580067624 A 20151130; DE 102014225674 A 20141212; EP 15807614 A 20151130; RU 2017124607 A 20151130; US 201515533216 A 20151030