

Title (en)
PUMP IMPELLER

Title (de)
PUMPENFLÜGELRAD

Title (fr)
ROTOR DE POMPE

Publication
EP 2984348 A4 20161116 (EN)

Application
EP 14849056 A 20140410

Priority
• AU 2013901228 A 20130410
• AU 2014000397 W 20140410

Abstract (en)
[origin: WO2015042634A1] An impeller for a pump, the impeller comprising a main body which in use is rotatable about a central axis, the main body including a front side and a rear side, the front side having a generally spherical cap-like or dome-shaped surface with an apex region in the vicinity of the central axis and a peripheral outer region in the vicinity of the rear side, a plurality of channels extending through the main body each having an inlet opening and an outlet opening, the inlet openings being in the vicinity of the apex region and the outlet openings being in the vicinity of the peripheral outer region.

IPC 8 full level
F04D 7/04 (2006.01); **F04D 1/00** (2006.01); **F04D 29/22** (2006.01); **F04D 29/40** (2006.01); **F04D 29/54** (2006.01); **F04D 29/66** (2006.01)

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F04D 29/2255 (2013.01 - EP US); **F04D 29/2294** (2013.01 - EP US); **F04D 29/426** (2013.01 - US)

Citation (search report)
• [A] EP 1229250 A1 20020807 - THUT BRUNO H [US]
• [A] US 2009004020 A1 20090101 - HANKE ANDREAS [DE], et al
• [A] WO 2012115452 A2 20120830 - LEE JEA WOONG [KR]
• See references of WO 2015042634A1

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 2015042634 A1 20150402; **WO 2015042634 A8 20151022**; AU 2014328453 A1 20151126; CA 2906748 A1 20150402;
CL 2015002998 A1 20160902; CN 105102820 A 20151125; EP 2984348 A1 20160217; EP 2984348 A4 20161116; US 2016061213 A1 20160303

DOCDB simple family (application)
AU 2014000397 W 20140410; AU 2014328453 A 20140410; CA 2906748 A 20140410; CL 2015002998 A 20151008;
CN 201480020362 A 20140410; EP 14849056 A 20140410; US 201414783587 A 20140410