

Title (en)
IMPELLER

Title (de)
LAUFRAD

Title (fr)
ROUE À AUBES

Publication
EP 1977114 B1 20100616 (DE)

Application
EP 07702382 A 20070120

Priority
• DE 2007000104 W 20070120
• DE 102006003727 A 20060126

Abstract (en)
[origin: DE102006003727A1] The width of a blade channel continuously increases from the feeding point of a flow into an impeller to a discharge point for the flow from the impeller from a perspective of a meridian section so that the ratio between the width (b2) at the discharge point and the width (b1) at the feeding point ranges between 1.01 and 1.2.

IPC 8 full level
F04D 29/22 (2006.01); **F04D 29/24** (2006.01)

CPC (source: EP US)
F04D 29/2216 (2013.01 - EP US); **F04D 29/242** (2013.01 - EP US)

Cited by
EP2652284A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2009016895 A1 20090115; US 8469671 B2 20130625; AT E471458 T1 20100715; DE 102006003727 A1 20070802;
DE 112007000708 A5 20081224; DE 502007004127 D1 20100729; EP 1977114 A1 20081008; EP 1977114 B1 20100616;
JP 2009524759 A 20090702; JP 4927097 B2 20120509; WO 2007085231 A1 20070802

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US 22301007 A 20070120; AT 07702382 T 20070120; DE 102006003727 A 20060126; DE 112007000708 T 20070120;
DE 2007000104 W 20070120; DE 502007004127 T 20070120; EP 07702382 A 20070120; JP 2008551644 A 20070120