

Title (en)
BLADE WHEEL FOR A PUMP

Title (de)
LAUFRAD FÜR PUMPEN

Title (fr)
ROUE A AUBES DESTINEE A DES POMPES

Publication
EP 1651869 B1 20080220 (DE)

Application
EP 04738061 A 20040705

Priority

- CH 2004000420 W 20040705
- EP 03405575 A 20030804
- EP 04738061 A 20040705

Abstract (en)
[origin: US8444370B2] A rotary wheel for radial pumps includes an intermediate wall at which one or more vanes are provided on both sides. Passage openings are formed in the intermediate wall in order to distribute a desired pump flow onto the vanes on both sides of the intermediate wall.

IPC 8 full level
F04D 29/22 (2006.01)

CPC (source: EP US)
F04D 29/2266 (2013.01 - EP US)

Cited by
US10514042B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005012732 A1 20050210; AT E386885 T1 20080315; BR PI0413265 A 20061010; BR PI0413265 B1 20140429; CN 100449155 C 20090107; CN 1833107 A 20060913; DE 502004006266 D1 20080403; EP 1651869 A1 20060503; EP 1651869 B1 20080220; US 2008213093 A1 20080904; US 8444370 B2 20130521

DOCDB simple family (application)
CH 2004000420 W 20040705; AT 04738061 T 20040705; BR PI0413265 A 20040705; CN 200480022481 A 20040705; DE 502004006266 T 20040705; EP 04738061 A 20040705; US 56704604 A 20040705