

Title (en)

Low flow centrifugal pump with increased suction height

Title (de)

Kreiselpumpe für niedrige Flussraten mit verbesserter Ansaughöhe

Title (fr)

Pompe pour faible débit et grande hauteur d'aspiration

Publication

**EP 1348871 B1 20070117 (FR)**

Application

**EP 03290780 A 20030327**

Priority

FR 0204009 A 20020327

Abstract (en)

[origin: EP1348871A1] The pump consists of a number of wheels mounted on the same shaft, each wheel having two flange faces (19) which contain channels and blades. The channels and blades conduct a fluid from an entry at the wheel hub to an output orifice (15) at the periphery. A specifically profiled indentation (17) is located on the flange opposite to entry to drive bubbles

IPC 8 full level

**F04D 29/22** (2006.01); **F04D 9/02** (2006.01)

CPC (source: EP)

**F04D 9/005** (2013.01); **F04D 29/225** (2013.01)

Cited by

US8932019B2; US8454317B2

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 PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1348871 A1 20031001**; **EP 1348871 B1 20070117**; AT E351984 T1 20070215; DE 60311165 D1 20070308; DE 60311165 T2 20080110; FR 2837880 A1 20031003; FR 2837880 B1 20051209

DOCDB simple family (application)

**EP 03290780 A 20030327**; AT 03290780 T 20030327; DE 60311165 T 20030327; FR 0204009 A 20020327