

Title (en)
Centrifugal pump

Title (de)
Kreispumpe

Title (fr)
Pompe centrifuge

Publication
EP 2148096 B1 20130410 (DE)

Application
EP 08013390 A 20080725

Priority
EP 08013390 A 20080725

Abstract (en)
[origin: EP2148096A1] The centrifugal pump has a sealing arrangement arranged between a housing wall of a pump housing and an impeller (4). The sealing arrangement seals the suction side of the impeller with respect to the pressure side of the impeller. The sealing arrangement comprises a seal (12) that is fastened to the impeller in a non-rotatable manner using a mounting ring (20). The seal is movable in a radial direction with respect to the impeller. A projection (24) is arranged in an inner groove of the mounting ring.

IPC 8 full level
F04D 29/16 (2006.01)

CPC (source: EP US)
F04D 29/167 (2013.01 - EP US)

Cited by
DE102010026450B3; EP2405142A2; EP2466148A1; DE102010063108A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2148096 A1 20100127; EP 2148096 B1 20130410; CN 102105696 A 20110622; CN 102105696 B 20130807; US 2011123317 A1 20110526; US 8721263 B2 20140513; WO 2010009799 A1 20100128

DOCDB simple family (application)
EP 08013390 A 20080725; CN 200980129200 A 20090630; EP 2009004688 W 20090630; US 200913054585 A 20090630