

Title (en)  
Centrifugal pump

Title (de)  
Zentrifugalpumpe

Title (fr)  
Pompe centrifuge

Publication  
**EP 2503152 A2 20120926 (EN)**

Application  
**EP 12158756 A 20120309**

Priority  
JP 2011068384 A 20110325

Abstract (en)  
A centrifugal pump comprises an impeller provided in the rear of its rear shroud with a magnetic follower, a housing storing said impeller, and a magnetic actuator located in said housing so as to surround said magnetic follower of said impeller and magnetically driving to rotate said magnetic follower. Then, said housing comprises a plastic recess for storing said magnetic follower, and said recess is provided in its inner surface with a nonmagnetic metallic plate which is harder than iron.

IPC 8 full level  
**F04D 13/06** (2006.01)

CPC (source: EP)  
**F04D 13/0626** (2013.01); **F04D 13/064** (2013.01); **F04D 29/026** (2013.01); **F05D 2230/53** (2013.01); **F05D 2300/10** (2013.01); **F05D 2300/43** (2013.01)

Citation (applicant)  
JP H0949496 A 19970218 - AISAN IND

Cited by  
FR3011887A1

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)  
**EP 2503152 A2 20120926**; JP 2012202320 A 20121022

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