

Title (en)  
Centrifugal pump

Title (de)  
Zentrifugalradpumpe

Title (fr)  
Pompe à roue centrifuge

Publication  
**EP 1906026 B1 20100303 (DE)**

Application  
**EP 07116609 A 20070917**

Priority  
• EP 06121159 A 20060922  
• EP 07116609 A 20070917

Abstract (en)  
[origin: EP1906025A1] The pump has an impeller (2) arranged in housing (3), where and impeller is rotatably supported around a rotational axis. A wearing part (5), which extends in a process direction of the rotational axis and surrounds a blade edge, is arranged within the pump housing such that the wearing part exhibits a gap with respect to the blade edge. The wearing part is movably supported with respect to the housing in such a manner that rotation of wearing part around the axis causes a movement of the wearing part in a direction of the axis to change the gap between an impeller edge and the wearing part. An independent claim is also included for a method for changing a position of a wearing part in a centrifugal wheel pump.

IPC 8 full level  
**F04D 7/04** (2006.01); **F04D 15/00** (2006.01)

CPC (source: EP)  
**F04D 7/04** (2013.01); **F04D 15/0033** (2013.01); **F04D 29/167** (2013.01); **F04D 29/4286** (2013.01); **F04D 29/622** (2013.01); **F04D 29/628** (2013.01)

Cited by  
RU2707238C1; AU2015202357B2; AU2013202757B2; AU2013202758B2; AU2013202761B2; US9869326B2; CN102066770A; US2011158800A1; EP2315947A4; EP2315948A4; AU2009257193B2; CN103362871A; US8967953B2; EA023108B1; AP3711A; EA025659B1; US8790077B2; US9759224B2; US10047761B2; WO2009149512A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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