

Title (en)  
CENTRIFUGAL PUMP WITH AXIALLY DISCHARGING RADIAL IMPELLER

Title (de)  
KREISELPUMPE MIT AXIALASSCHÜTTENDEM RADIALLAUFRAD

Title (fr)  
POMPE CENTRIFUGE À ROTOR RADIAL À DÉVERSEMENT AXIAL

Publication  
**EP 3224481 A1 20171004 (DE)**

Application  
**EP 15798457 A 20151124**

Priority  
• DE 102014223942 A 20141125  
• EP 2015077513 W 20151124

Abstract (en)  
[origin: WO2016083381A1] The invention relates to a centrifugal pump comprising at least one radial impeller (1). Said impeller (1) is designed as an axially discharging impeller. A conducting device (4) is located downstream of the impeller (1).

IPC 8 full level  
**F04D 29/22** (2006.01); **F04D 1/06** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP)  
**F04D 29/2216** (2013.01); **F04D 29/242** (2013.01); **F04D 29/448** (2013.01); **F04D 1/06** (2013.01); **F04D 29/548** (2013.01); **F05D 2250/71** (2013.01)

Citation (search report)  
See references of WO 2016083381A1

Cited by  
RU2754049C1

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)  
**WO 2016083381 A1 20160602**; DE 102014223942 A1 20160630; DK 3224483 T3 20211206; EP 3224481 A1 20171004; EP 3224483 A1 20171004; EP 3224483 B1 20210929; WO 2016083382 A1 20160602

DOCDB simple family (application)  
**EP 2015077513 W 20151124**; DE 102014223942 A 20141125; DK 15798458 T 20151124; EP 15798457 A 20151124; EP 15798458 A 20151124; EP 2015077514 W 20151124