

Title (en)  
IMPELLER FOR CENTRIFUGAL PUMP, CENTRIFUGAL PUMP AND MANUFACTURING METHOD

Title (de)  
LAUFRAD FÜR KREISELPUMPE, KREISELPUMPE UND HERSTELLUNGSVERFAHREN

Title (fr)  
ROUE POUR POMPE CENTRIFUGE, POMPE CENTRIFUGE ET PROCEDE DE FABRICATION

Publication  
**EP 3532732 B1 20220309 (FR)**

Application  
**EP 17793718 A 20171016**

Priority  
• FR 1660434 A 20161027  
• FR 2017052832 W 20171016

Abstract (en)  
[origin: WO2018078239A1] The invention relates to an impeller (10) for a centrifugal pump having an axial direction (X), the impeller (10) comprising a hub (24), a web (26) having a rotationally symmetrical shape comprising an attachment part (28) for attaching the web (26) to the hub (24), the web (26) widening from the attachment part (28) in the axial direction (X), and an annular bead (30) arranged between the web (26) and the hub (24), the annular bead (30) being attached to the web (26) while an annular space (32) is created between the hub (24) and the annular bead (30). The invention also relates to a centrifugal pump comprising the impeller (10) and a method for manufacturing the impeller (10).

IPC 8 full level  
**F04D 29/043** (2006.01); **F04D 29/02** (2006.01); **F04D 29/20** (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP)  
**F04D 29/026** (2013.01); **F04D 29/043** (2013.01); **F04D 29/20** (2013.01); **F04D 29/2266** (2013.01); **F04D 29/2277** (2013.01);  
**F05D 2230/30** (2013.01)

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

DOCDB simple family (publication)  
**WO 2018078239 A1 20180503**; EP 3532732 A1 20190904; EP 3532732 B1 20220309; FR 3058190 A1 20180504; FR 3058190 B1 20210129

DOCDB simple family (application)  
**FR 2017052832 W 20171016**; EP 17793718 A 20171016; FR 1660434 A 20161027