

Title (en)

AXIAL WASHER FOR A GEAR-TYPE PUMP AND GEAR-TYPE PUMP COMPRISING AN AXIAL WASHER OF THIS TYPE

Title (de)

AXIALSCHEIBE FÜR EINE ZAHNRADPUMPE UND ZAHNRADPUMPE MIT EINER SOLCHEN AXIALSCHEIBE

Title (fr)

DISQUE AXIAL DESTINÉ À UNE POMPE À ENGRENAGES ET POMPE À ENGRENAGES ÉQUIPÉE DUDIT DISQUE AXIAL

Publication

EP 2686556 A2 20140122 (DE)

Application

EP 11788516 A 20111130

Priority

- DE 102010063313 A 20101217
- EP 2011071358 W 20111130

Abstract (en)

[origin: WO2012079982A2] The invention relates to an axial washer (13) of a gear-type pump (1), in particular an internal gear pump. According to the invention, a seal (23) which surrounds a pressure area (22) of the axial washer (13) is applied to the axial washer (13) as a free-flowing bonding mass, said mass bonding with the axial washer (13).

IPC 8 full level

F04C 15/00 (2006.01)

CPC (source: EP KR US)

F01C 19/005 (2013.01 - EP US); **F01C 21/102** (2013.01 - EP US); **F01C 21/108** (2013.01 - EP US); **F04C 2/086** (2013.01 - EP US); **F04C 2/14** (2013.01 - KR); **F04C 15/0015** (2013.01 - EP US); **F04C 15/0019** (2013.01 - EP US); **F04C 15/0026** (2013.01 - EP US); **F04C 27/006** (2013.01 - US); **F04C 29/00** (2013.01 - KR); **F04C 2/102** (2013.01 - EP US); **F04C 2230/602** (2013.01 - EP US)

Citation (search report)

See references of WO 2012079982A2

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 2012079982 A2 20120621; **WO 2012079982 A3 20131219**; CN 103620222 A 20140305; DE 102010063313 A1 20120621; EP 2686556 A2 20140122; JP 2014506969 A 20140320; KR 20130141595 A 20131226; US 2014030129 A1 20140130

DOCDB simple family (application)

EP 2011071358 W 20111130; CN 201180060080 A 20111130; DE 102010063313 A 20101217; EP 11788516 A 20111130; JP 2013543624 A 20111130; KR 20137015326 A 20111130; US 201113994754 A 20111130