

Title (en)

LOW PRESSURE SEALING RING FOR A PUMP ELEMENT OF A HYDRAULIC UNIT

Title (de)

NIEDERDRUCKDICHTRING FÜR EIN PUMPENELEMENT EINES HYDRAULIKAGGREGATS

Title (fr)

BAGUE D'ÉTANCHÉITÉ DE DÉPRESSION POUR UN ÉLÉMENT DE POMPE D'UN GROUPE HYDRAULIQUE

Publication

**EP 2880311 A1 20150610 (DE)**

Application

**EP 13728160 A 20130606**

Priority

- DE 102012213763 A 20120803
- EP 2013061688 W 20130606

Abstract (en)

[origin: WO2014019748A1] The invention relates to a low pressure sealing ring (58) for a pump element (10) of a hydraulic unit of a motor vehicle brake system, comprising a pump housing (12) and a pump piston (24) that is led in a movable manner in the pump housing, wherein said low pressure sealing ring is adapted to seal with respect to the pump housing (12) and for sealing with respect to the pump piston (24) and further comprises a stepping (66), by means of which said pump piston can be positioned on a recess (18) on the pump housing (12).

IPC 8 full level

**F04B 1/04** (2006.01); **B60T 1/04** (2006.01); **F04B 53/02** (2006.01); **F04B 53/14** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP KR)

**B60T 8/4031** (2013.01 - EP KR); **F04B 1/0408** (2013.01 - EP KR); **F04B 1/0421** (2013.01 - EP KR); **F04B 1/0448** (2013.01 - EP); **F04B 53/02** (2013.01 - EP KR); **F04B 53/143** (2013.01 - EP KR); **F04B 53/164** (2013.01 - EP KR); **F16J 15/3268** (2013.01 - EP KR)

Citation (search report)

See references of WO 2014019748A1

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 2014019748 A1 20140206**; CN 104508300 A 20150408; CN 104508300 B 20161026; DE 102012213763 A1 20140206; EP 2880311 A1 20150610; KR 102084929 B1 20200305; KR 20150040896 A 20150415

DOCDB simple family (application)

**EP 2013061688 W 20130606**; CN 201380040482 A 20130606; DE 102012213763 A 20120803; EP 13728160 A 20130606; KR 20157002765 A 20130606