

Title (en)
INTERNAL GEAR PUMP FOR A HYDRAULIC VEHICLE BRAKE SYSTEM

Title (de)
INNENZAHNRADPUMPE FÜR EINE HYDRAULISCHE FAHRZEUGBREMSANLAGE

Title (fr)
POMPE À ENGRENAGES INTÉRIEURS DESTINÉE AU SYSTÈME DE FREINAGE HYDRAULIQUE D'UN VÉHICULE

Publication
EP 2901015 A2 20150805 (DE)

Application
EP 13742628 A 20130729

Priority
• DE 102012217225 A 20120925
• EP 2013065867 W 20130729

Abstract (en)
[origin: WO2014048612A2] The invention relates to an internal gear pump (1) for a slip-controlled hydraulic vehicle brake system. According to the invention a separating piece (7) of the internal gear pump (1) is formed having an inner part (12) and an outer part (13), which engages around the end of the inner part (12) with allowance for tolerance. In this way, the inner part (12) and the outer part (13) are movably connected to one another in a radial direction, and can be installed in the internal gear pump (1) as a pre-mounted assembly.

IPC 8 full level
F04C 2/08 (2006.01); **F04C 2/10** (2006.01)

CPC (source: CN EP US)
B60T 8/4275 (2013.01 - US); **F04C 2/084** (2013.01 - US); **F04C 2/086** (2013.01 - CN EP US); **F04C 2/10** (2013.01 - US);
F04C 2/101 (2013.01 - CN EP US); **F04C 2/102** (2013.01 - CN EP US); **F04C 13/002** (2013.01 - US); **F04C 15/0019** (2013.01 - US);
F04C 15/0026 (2013.01 - US)

Citation (search report)
See references of WO 2014048612A2

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)
DE 102012217225 A1 20140327; CN 104704237 A 20150610; CN 104704237 B 20170613; EP 2901015 A2 20150805;
JP 2015530515 A 20151015; JP 6138946 B2 20170531; KR 102065910 B1 20200211; KR 20150062164 A 20150605;
US 2015274141 A1 20151001; US 9481347 B2 20161101; WO 2014048612 A2 20140403; WO 2014048612 A3 20140605

DOCDB simple family (application)
DE 102012217225 A 20120925; CN 201380049965 A 20130729; EP 13742628 A 20130729; EP 2013065867 W 20130729;
JP 2015532343 A 20130729; KR 20157007402 A 20130729; US 201314428784 A 20130729