

Title (en)

GEAR PUMP

Title (de)

ZAHNRADPUMPE

Title (fr)

POMPE À ENGRENAGES POMPE À ENGRENAGES

Publication

EP 2307727 A2 20110413 (DE)

Application

EP 09769113 A 20090608

Priority

- EP 2009057049 W 20090608
- DE 102008028695 A 20080617

Abstract (en)

[origin: WO2009156264A2] The present invention relates to a gear pump, for example a paint pump. The sealing of the drive shaft which is guided outward of the pump housing is carried out by a sealing means which is acted upon by a pressure medium. Said pressure medium is independent from the conveying medium and can be placed under pressure by means of a piston. An actuating means acting directly or by means of another hydraulic system onto the piston allows the adjustment of the pressure.

IPC 8 full level

F04C 15/00 (2006.01); **F16J 15/46** (2006.01)

CPC (source: EP)

F04C 15/0038 (2013.01); **F16J 15/322** (2013.01); **F16J 15/3296** (2013.01); **F16J 15/46** (2013.01)

Citation (search report)

See references of WO 2009156264A2

Cited by

GB2578648B

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009156264 A2 20091230; WO 2009156264 A3 20100225; EP 2307727 A2 20110413

DOCDB simple family (application)

EP 2009057049 W 20090608; EP 09769113 A 20090608