

Title (en)

Hydraulic cog wheel machine and method for sealing a hydraulic cog wheel machine

Title (de)

Hydraulische Zahnradmaschine und Verfahren zum Abdichten einer hydraulischen Zahnradmaschine

Title (fr)

Machine hydraulique à roue dentée et procédé d'étanchéification d'une machine hydraulique à roue dentée

Publication

**EP 2063126 A3 20140312 (DE)**

Application

**EP 08019578 A 20081108**

Priority

- DE 102007056236 A 20071122
- DE 102008019925 A 20080421

Abstract (en)

[origin: EP2063126A2] The hydraulic gear machine has a housing (2) for supporting two gear wheels which are combined together and mounted in bearing bodies. The housing is closed at the front side with a lid (6). An axial field sealing is provided between low pressure area and high pressure area. An additional sealing element (28) is arranged in the area between a housing seal (20) and the low pressure area. An independent claim is included for a method for sealing a hydraulic gear machine.

IPC 8 full level

**F04C 2/18** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)

**F04C 2/18** (2013.01); **F04C 15/0019** (2013.01)

Citation (search report)

- [E] DE 102008019925 A1 20090528 - BOSCH GMBH ROBERT [DE]
- [A] EP 1291526 A2 20030312 - MORSELLI MARIO ANTONIO [IT]
- [A] DE 10109418 A1 20020912 - ZF LENKSYSTEME GMBH [DE]
- [A] DE 8707130 U1 19880915

Cited by

US9863225B2; US10107081B2; US9599106B2; US10100823B2; US9803442B2; US9903170B2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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