

Title (en)

External gear machine with simplified bearing for the axle or shaft

Title (de)

Außenzahnradmaschine mit vereinfachter Lagerachse oder -welle

Title (fr)

Machine à engrenage externe dotée d'un palier pour l'axe simplifié

Publication

**EP 2249038 A3 20121128 (DE)**

Application

**EP 10161300 A 20100428**

Priority

DE 102009019419 A 20090429

Abstract (en)

[origin: EP2249038A2] The rotating positive-displacement machine has a housing (3) with a chamber, which has an inlet (4) and a discharge opening (5) for a fluid, and adjustment unit axially back and forth movable in the housing. A bearing profile (10) is provided over its entire axial length of outer extent covering storage space (10a).

IPC 8 full level

**F01C 21/02** (2006.01); **F04C 2/18** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)

**F01C 21/02** (2013.01); **F04C 15/0073** (2013.01); **F04C 15/0076** (2013.01); **F04C 15/0092** (2013.01); **F04C 2/18** (2013.01); **F04C 2240/52** (2013.01); **F04C 2240/60** (2013.01)

Citation (search report)

- [X] DE 102007039589 A1 20090226 - VOIGT DIETER [DE]
- [X] DE 102007051779 A1 20090115 - AUDI AG [DE]
- [X] WO 2005079302 A2 20050901 - ARGO TECH CORP [US], et al
- [X] EP 1653083 A1 20060503 - SAURER GMBH & CO KG [DE], et al
- [A] DE 202007004103 U1 20070606 - LINCOLN GMBH [DE]
- [A] US 2988009 A 19610613 - KRAISSL JR FREDERICK
- [A] US 2571377 A 19511016 - GEORGE OLAH
- [A] DE 2005740 A1 19700910

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 SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**EP 2249038 A2 20101110; EP 2249038 A3 20121128**; DE 102009019419 A1 20101104; DE 102009019419 B4 20160114

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**EP 10161300 A 20100428**; DE 102009019419 A 20090429