Title (en)

SEALING ELEMENT FOR A PLANETARY ROTATION MACHINE

Title (de)

DICHTUNGSELEMENT FÜR KREISKOLBENMASCHINE

Title (fr)

ÉLÉMENT D'ÉTANCHÉITÉ POUR MACHINE À PISTON ROTATIF

Publication

EP 2673471 B1 20200902 (DE)

Application

EP 12700992 A 20120125

Priority

- DE 102011003934 A 20110210
- EP 2012051076 W 20120125

Abstract (en)

[origin: WO2012107279A2] The invention relates to a sealing element for a planetary rotation machine for sealing a lever which is guided in an annular gap and can be rotated about a rotational axis, wherein the sealing element is rotationally symmetrical relative to the rotational axis. The sealing element comprises a dynamic region and a static region, wherein the dynamic region has an axial sealing face which faces the annular gap, and a radial sealing face which faces the interior of an annular channel of the planetary rotation machine, which channel surrounds the annular gap, and wherein the static region is used to fix the sealing element to the planetary rotation machine, and wherein a channel, to which fluid can be supplied, is formed in the static region.

IPC 8 full level

F01C 19/00 (2006.01); **F01C 1/02** (2006.01); **F01C 1/063** (2006.01); **F01C 9/00** (2006.01); **F01C 19/10** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)

F01B 31/00 (2013.01 - US); **F01C 19/005** (2013.01 - EP US); **F01C 19/10** (2013.01 - EP US); **F04C 15/003** (2013.01 - EP US); **F04C 15/0038** (2013.01 - EP US); **F04C 27/009** (2013.01 - US); F01C 1/063 (2013.01 - EP US); F01C 9/002 (2013.01 - EP US); F05C 2225/00 (2013.01 - US); F05C 2225/04 (2013.01 - US)

Citation (examination)

- US 3825272 A 19740723 - TOWNSEND R
- JP S564061 U 19810114
- US 6290235 B1 20010918 - ALBERTSON KENNETH R [US]
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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

DOCDB simple family (publication)

WO 2012107279 A2 20120816; **WO 2012107279 A3 20130725**; CN 103502573 A 20140108; CN 103502573 B 20160810; DE 102011003934 A1 20120816; EP 2673471 A2 20131218; EP 2673471 B1 20200902; US 2013319222 A1 20131205; US 9074475 B2 20150707

DOCDB simple family (application)

EP 2012051076 W 20120125; CN 201280008462 A 20120125; DE 102011003934 A 20110210; EP 12700992 A 20120125; US 201313961333 A 20130807