

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
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Application
EP 12700992 A 20120125

Priority
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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.

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Citation (examination)
• US 3825272 A 19740723 - TOWNSEND R
• JP S564061 U 19810114
• US 6290235 B1 20010918 - ALBERTSON KENNETH R [US]
• US 5055015 A 19911008 - FURUKAWA NAOTO [JP]
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