

Title (en)
RADIAL OSCILLATING MOTOR

Title (de)
RADIALER SCHWENKMOTOR

Title (fr)
MOTEUR OSCILLANT RADIAL

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Application
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Abstract (en)
[origin: WO9917030A1] Radial oscillating motors are generally fitted with an outer overflow oil line in order to protect sealing elements. This requires an over large amount of devices and system expenditure. Large amounts of installation space are also required for oscillating motors of this kind. The invention provides a radial oscillating motor wherein each bearing (29) is hydraulically connected to a discharge chamber (14) via a main duct (30) in addition to radial ducts (31, 15, 16, 35, 37, 38) and axial ducts (32, 36) in a driven shaft (7). A non-return valve opening out in the direction of the discharge chamber (14) is inserted into the ducts (31, 32, 37, 38).

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