

Title (en)

VANE CELL PUMP

Title (de)

FLÜGELZELLENPUMPE

Title (fr)

POMPE A PALETTES COULISSANTES

Publication

**EP 1794457 B1 20090708 (DE)**

Application

**EP 06776763 A 20060811**

Priority

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Abstract (en)

[origin: WO2007039013A1] The invention relates to a vane cell pump (12) which comprises an internal rotor (16) and a plurality of vanes (20) which are displaceably mounted in a radial manner in the internal rotor, essentially, in radial slots (18) and are directly or indirectly guided on the internal circumferential surface (26) of a stator (28). The axis of the stator and the axis of the internal rotor are offset in relation to each other and the stator (28) can be adjusted in relation to the internal rotor (16) in the radial direction and the offset can be altered. The stator (28) comprises a pivotable bearing (36) which is arranged in the housing of the vane cell pump. At least one piston section (42) protrudes from the stator, whereby the piston axis thereof (44) extends in the direction of the periphery to the pivotable bearing (36).

IPC 8 full level

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