

Title (en)

VANE CELL PUMP

Title (de)

FLÜGELZELLENPUMPE

Title (fr)

POMPE A PALETTES COULISSANTES

Publication

EP 1931879 A1 20080618 (DE)

Application

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Abstract (en)

[origin: WO2007039136A1] The invention relates to a vane cell pump comprising an inner rotor (12) and a plurality of vanes (18) which are secured in a pivotable manner to the external rotor (28) and which are displaceably mounted in a radial manner in the inner rotor, essentially in radial slots (16). The external rotor is formed on guide blocks (22). Said guide blocks are guided, with the axial front sides thereof, on the guiding path and are guided along the internal circumferential surface of a stator (26). The guiding path is arranged in a guide ring (36).

IPC 8 full level

F04C 2/344 (2006.01)

CPC (source: EP KR US)

F01C 21/0836 (2013.01 - EP US); **F04C 2/344** (2013.01 - KR); **F04C 2/3445** (2013.01 - EP US); **F04C 18/344** (2013.01 - KR)

Citation (search report)

See references of WO 2007039136A1

Cited by

DE102020128515A1; DE202014005521U1; DE202014005520U1; DE102015211759A1; DE102011100385A1; DE102011100404A1; DE102010023068A1; US9051933B2

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