

Title (en)

VANE MACHINE, IN PARTICULAR VANE PUMP

Title (de)

FLÜGELZELLENMASCHINE, INSBESONDERE FLÜGELZELLENPUMPE

Title (fr)

MACHINE ROTATIVE À PALETTES, NOTAMMENT POMPE ROTATIVE À PALETTES

Publication

EP 1861623 B1 20101208 (DE)

Application

EP 06806142 A 20061010

Priority

EP 2006009765 W 20061010

Abstract (en)

[origin: WO2007101457A1] A vane machine comprises an inner rotor (28) and an outer rotor (51). A plurality of radially extending vane elements (32) separates first vane chambers (80) from one another. The vane elements (32), with a radially inner end region (34), are accommodated in the inner rotor (28) in a radially displaceable manner and, with a radially outer end region (36), are accommodated in the outer rotor (51) in a pivotable manner. It is proposed that the radially inner end regions (34) of the vane elements (32) be accommodated in the inner rotor (28) at a fixed angle and that the outer rotor (51) comprise individual shoes (38) which are separate for each vane element (32) and in which the vane elements (32) are accommodated in a pivotable manner.

IPC 8 full level

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