

Title (en)
Oscillating vane motor

Title (de)
Schwenkflügelmotor

Title (fr)
Vérin rotatif

Publication
EP 2228543 B1 20120222 (DE)

Application
EP 10005040 A 20061110

Priority
• EP 06805508 A 20061110
• DE 102005060592 A 20051217

Abstract (en)
[origin: EP2228543A1] The motor has a housing (1), a shaft (7) and two blades (3, 9) that are respectively arranged on the housing side and on the shaft side. Two working chambers (13, 15) are formed between the housing and the blade on the housing side and between the shaft and the blade on the shaft side. The working chambers are axially sealed by a pressure plate (19). The pressure plate is fixed either on the housing side or on the rotor side, and flexibly bears against respective other part. Blade seals are made of polytetrafluoroethylene (PTFE).

IPC 8 full level
F15B 15/12 (2006.01)

CPC (source: EP)
F01C 9/002 (2013.01); **F01C 19/10** (2013.01); **F15B 15/12** (2013.01)

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