

Title (en)

Vane actuator with a pressure reducing valve

Title (de)

Schwenkmotor mit einem Druckbegrenzungsventil

Title (fr)

Vérin rotatif avec une soupape de limitation de pression

Publication

EP 1628019 B1 20130612 (DE)

Application

EP 05017252 A 20050809

Priority

DE 102004039767 A 20040816

Abstract (en)

[origin: EP1628019A2] The oscillating motor comprises a cylinder (3) with ribs extending axially on the inside diameter, and a motor shaft (7) with vanes with the same axial extent as the ribs, whereby the vanes and ribs together with the cylinder, the end caps (11,13) and the shaft form individual chambers. Between at least two working chambers which are connected to different pressure medium connections (33,35) at least one pressure limiting valve is installed inside the oscillating motor.

IPC 8 full level

F15B 15/12 (2006.01)

CPC (source: EP)

F15B 15/12 (2013.01); **F15B 15/204** (2013.01)

Cited by

EP3039299A4; WO2009109283A1; US10072773B2; US11047506B2; WO2015031587A1; US9897114B2; US10359061B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1628019 A2 20060222; EP 1628019 A3 20111019; EP 1628019 B1 20130612; DE 102004039767 A1 20060309

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