

Title (en)
Oscillating vane for a rotary actor

Title (de)
Schwenkkolben für einen Drehantrieb

Title (fr)
Ailette pour un actionneur rotatif

Publication
EP 0632204 B1 19970820 (DE)

Application
EP 94105748 A 19940414

Priority
DE 4318041 A 19930529

Abstract (en)
[origin: EP0632204A1] An oscillating vane (1) for a rotary actuator is proposed. The oscillating vane (1) has a bearing part (2) via which it is connected to or can be connected to an output shaft. It can be swivelled about a rotation axis (7) coinciding with the longitudinal axis of the output shaft. An axial seal (24) serving to provide a seal relative to the housing of the rotary actuator is provided on at least one axial side of the bearing part (2). The axial seal (24) is designed like a ring so as to be closed upon itself and extends along a circular line (25) with the rotation axis (7) as centre. In plan view (26) as viewed in the direction of the rotation axis (7), the axial seal (24) has a meander-shaped peripheral extension, and the resulting intermediate seal spaces (37, 38) lying radially on the outside and inside overlap radially. <IMAGE>

IPC 1-7
F15B 15/12

IPC 8 full level
F04C 9/00 (2006.01); **F15B 15/12** (2006.01)

CPC (source: EP)
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