

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)  
**F04C 9/002** (2013.01)

Cited by  
CN102410177A

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**DE 4318041 A1 19941201**; DE 59403772 D1 19970925; EP 0632204 A1 19950104; EP 0632204 B1 19970820; HU 221073 B1 20020729; HU 9401607 D0 19940928; HU H3821 A 19970630; KR 100295596 B1 20011024

DOCDB simple family (application)  
**DE 4318041 A 19930529**; DE 59403772 T 19940414; EP 94105748 A 19940414; HU 9401607 A 19940527; KR 19940011615 A 19940527