

Title (en)
Oscillating vane actuator

Title (de)
Schwenkmotor

Title (fr)
Vérin rotatif oscillant

Publication
EP 2034189 A3 20120704 (DE)

Application
EP 08162651 A 20080820

Priority
DE 102007041610 A 20070903

Abstract (en)
[origin: EP2034189A2] Machine unit, especially a swivel motor including a cylinder with internal axial vanes, a motor shaft with impellers (sic), and a pressure compensation element (37) formed from a compensating space (39), subdivided by a moveable separation element (41). The separation element is held in the exit position by opposite springs (43,45). The unit includes a spring arrangement which includes elastomer springs (69,73), having at least one volume compensating space.

IPC 8 full level
F15B 15/12 (2006.01)

CPC (source: EP US)
F15B 15/12 (2013.01 - EP US)

Citation (search report)
• [A] US 2005247053 A1 20051110 - WEHAUS HOLGER [DE], et al
• [A] DE 19935234 C1 20001109 - MANNESMANN SACHS AG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2034189 A2 20090311; EP 2034189 A3 20120704; DE 102007041610 A1 20090305; DE 102007041610 B4 20090723;
US 2009056533 A1 20090305; US 8001884 B2 20110823

DOCDB simple family (application)
EP 08162651 A 20080820; DE 102007041610 A 20070903; US 20324608 A 20080903