

Title (en)
Valve assembly

Title (de)
Klappenanordnung

Title (fr)
Ensemble de vanne

Publication
EP 1388657 A3 20070314 (DE)

Application
EP 03015738 A 20030710

Priority
DE 10236587 A 20020809

Abstract (en)
[origin: EP1388657A2] Valve arrangement comprises at least one valve (10), a selector shaft (12) connected to the valve, an actuating device (20) connected to the selector shaft, and a rod-shaped offset compensation element (18) provided between the selector shaft and the actuating device. Preferred Features: The selector shaft or the actuating device has a holder (28) for connecting to the offset compensation element. The offset compensation element pivots relative to the holder. The holder and offset compensation element are inserted inside each other.

IPC 8 full level
F02D 9/08 (2006.01); **F02D 9/10** (2006.01)

CPC (source: EP)
F02D 9/1095 (2013.01)

Citation (search report)

- [XD] DE 19614474 A1 19971016 - PIERBURG AG [DE]
- [X] DE 19918777 A1 20001026 - MANN & HUMMEL FILTER [DE]
- [X] JP S5925048 A 19840208 - YAMAHA MOTOR CO LTD, et al
- [A] FR 2108817 A1 19720526 - CITROEN SA
- [A] US 4566424 A 19860128 - BILLINGSLEY HENRY C [US], et al

Cited by
WO2008095867A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1388657 A2 20040211; EP 1388657 A3 20070314; EP 1388657 B1 20100210; DE 10236587 A1 20040226; DE 50312403 D1 20100325

DOCDB simple family (application)
EP 03015738 A 20030710; DE 10236587 A 20020809; DE 50312403 T 20030710