

Title (en)
Valve seal assembly

Title (de)
Ventilschaftabdichtung

Title (fr)
Joint de queue de soupape

Publication
EP 1582704 A1 20051005 (EN)

Application
EP 04425250 A 20040402

Priority
EP 04425250 A 20040402

Abstract (en)
There is described a seal (1) for a valve (2) of an internal combustion engine (3); the valve (2) has a guide member (10) defining a seat (9), and a rod (11) sliding in the seat (9); and the seal (1) has a first elastically deformable portion (17a) cooperating with the rod (11) of the valve (2), a second elastically deformable portion (17b) cooperating with an outer surface of the guide member (10), and a supporting member (15) supporting the first and second elastically deformable portion (17a, 17b), and which is fitted to the guide member (10) and has a number of slits (22) for generating radial compression forces on the guide member (10).

IPC 1-7
F01L 3/08

IPC 8 full level
F01L 3/08 (2006.01)

CPC (source: EP)
F01L 3/08 (2013.01)

Citation (search report)
• [XA] FR 2057627 A5 19710521 - LECHLER ELRING DICHTUNGSWERKE
• [X] US 2003146580 A1 20030807 - HEGEMIER TIMOTHY ALAN [US]

Cited by
JP2017207124A; CN112065528A

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 PL PT RO SE SI SK TR

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