

Title (en)

Valve guiding and sealing device.

Title (de)

Einrichtung zur Führung und Dichtung eines Ventils.

Title (fr)

Dispositif pour le guidage et l'étanchéité d'une soupape.

Publication

EP 0392893 A1 19901017 (FR)

Application

EP 90400780 A 19900321

Priority

FR 8904842 A 19890412

Abstract (en)

The invention relates to a device for guiding and sealing a valve, the stem (10) of which is mounted slidably in a tubular valve guide (14) fitted in the cylinder head (12) of a combustion engine and which projects axially from a bearing surface (20) of the cylinder head, which is perpendicular to the axis (X-X) of the valve and on which bears one end of a return spring (26) for the valve, there being interposed a washer-shaped bearing cup (24), through which passes the projecting part (18) of the valve guide (14). A sealing ring (32) is held axially against this projecting part (18) by means of a bush (30). According to the invention, the bush and the bearing cup are produced in one piece (22), of which the cylindrical part forming a bush (30) extends axially from the cup (24) beyond the free end (50) of the projecting part (18) of the valve guide (14) by means of an end portion (40), the inner surface of which completely envelops the sealing ring (32). <IMAGE>

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)

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- [A] FR 1245461 A 19601104
- [A] WO 8804357 A1 19880616 - FORD MOTOR CO [GB], et al

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