

Title (en)

VALVE STEM SEAL FOR INTERNAL COMBUSTION ENGINES

Title (de)

VENTILSCHAFTABDICHTUNG FÜR BRENNKRAFTMASCHINEN

Title (fr)

JOINT DE TIGE DE SOUPAPE DESTINE A DES MOTEURS A COMBUSTION INTERNE

Publication

**EP 1633957 A1 20060315 (DE)**

Application

**EP 04718203 A 20040306**

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- DE 10325764 A 20030605

Abstract (en)

[origin: WO2004109067A1] The invention relates to a valve stem seal for internal combustion engines, comprising a dynamic sealing part applied to a valve stem, and a static sealing part which consists of elastomer materials and is applied to the valve stem guide, said static sealing part being surrounded by a dimensionally stable reinforcing body. The inventive seal is characterised by a bearing ring (14,20) that is separate from the reinforcing ring (7) of the static sealing part (6) and enables a free rotational movement of the valve spring (11) and the valve spring retainer.

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IPC 8 full level

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Citation (search report)

See references of WO 2004109067A1

Cited by

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