

Title (en)

Valve stem seals.

Title (de)

Ventilschaftabdichtungselement.

Title (fr)

Dispositif d'étanchéité pour tige soupape.

Publication

EP 0136057 A2 19850403 (EN)

Application

EP 84305683 A 19840821

Priority

GB 8323418 A 19830901

Abstract (en)

A valve stem seal comprises an elastomeric moulding adapted to lip seal against a valve stem and, at its lip sealing region, is helically ribbed on its stem-adjacent surface to define lubricant control passages. The elastomeric moulding also provides downstream of its lip seal, in terms of lubricant flow, a control collar adapted to contact the valve stem to provide both a compensation for lateral loading of the valve stem resulting from rocker action and a secondary seal. The control collar may be integral with the elastomeric moulding but it is preferred that it be constituted by a plastics ring, preferably but not exclusively formed of PTFE, held within the elastomeric moulding in non-bonded relationship.

IPC 1-7

F01L 3/08

IPC 8 full level

F01L 3/08 (2006.01)

CPC (source: EP)

F01L 3/08 (2013.01)

Cited by

EP2730757A4; US7299779B2; DE19945348A1; DE19945348C2; FR2621954A1; EP1854965A1; US6764079B1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 0136057 A2 19850403; EP 0136057 A3 19860416; GB 2145771 A 19850403; GB 2145771 B 19870624; GB 8323418 D0 19831005; GB 8421222 D0 19840926

DOCDB simple family (application)

EP 84305683 A 19840821; GB 8323418 A 19830901; GB 8421222 A 19840821