

Title (en)

Valve stem seal to put on a valve guide hold in the cylinder head of an internal combustion engine

Title (de)

Ventilschaftdichtung zum Aufschieben auf eine im Zylinderkopf einer Verbrennungskraftmaschine gehaltene Ventilschaftführung

Title (fr)

Joint de tige de soupape à monter sur un guide de tige de soupape tenu dans la culasse d'un moteur à combustion interne

Publication

**EP 0645524 B1 19970910 (DE)**

Application

**EP 94110441 A 19940705**

Priority

IT TO930705 A 19930928

Abstract (en)

[origin: EP0645524A1] Valve stem seal intended to be pushed onto a valve stem guide (8) held in the cylinder head (12) of an internal combustion engine, comprising a reinforcing tube (26) which is connected at one end to a first sealing lip (30) of annular design made of flexible material and, at the other end, ends in a radially outward-projecting first flange (18) which can be supported on the cylinder head (12). The reinforcing tube (26) is connected to a second sealing lip (34) made of flexible material which projects beyond the first flange in the axial direction and the second sealing lip (34) is at a radial distance from the valve stem guide (8) and can be brought into engagement with the annular surface of the cylinder head which surrounds the valve stem guide. <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 (examination)

GB 2210956 A 19890621 - DANA CORP [US]

Cited by

EP1092841A1; FR2867226A1; GB2381051A; GB2381051B; US6877719B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0645524 A1 19950329; EP 0645524 B1 19970910;** DE 59404017 D1 19971016; ES 2108342 T3 19971216; IT 1261592 B 19960523; IT TO930705 A0 19930928; IT TO930705 A1 19950328

DOCDB simple family (application)

**EP 94110441 A 19940705;** DE 59404017 T 19940705; ES 94110441 T 19940705; IT TO930705 A 19930928