

Title (en)
Tube insert for a cylinder head with cover of an internal combustion engine

Title (de)
Einsatzrohr für einen Zylinderkopf mit Deckel einer Brennkraftmaschine

Title (fr)
Insert pour une culasse avec couvercle d'un moteur à combustion interne

Publication
EP 1247973 B1 20050504 (DE)

Application
EP 02003769 A 20020220

Priority
DE 10117163 A 20010406

Abstract (en)
[origin: EP1247973A2] The insert tube (1) has in both end sections at least one rubber elastic sealing element inseparably connected to it by means of vulcanizing. A centering flange (12) is provided in the cylinder head end of the tube and to it is connected a sealing element (8) which comprises an annular component (13) vulcanized to the outer circumference of the tube and with closed encompassing sealing beads (14). At the cylinder head cover end there is a fixing flange (15) with a similar sealing arrangement (9).

IPC 1-7
F02F 7/00; **F02F 1/38**; **F02F 1/24**

IPC 8 full level
F02F 1/24 (2006.01); **F02F 1/38** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)
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