

Title (en)
Valve cover

Title (de)
Ventilhaube

Title (fr)
Couvercle de culasse

Publication
EP 0704614 B1 19980325 (DE)

Application
EP 95114436 A 19950914

Priority
DE 4434453 A 19940927

Abstract (en)
[origin: EP0704614A1] The valve hood (1), to shroud the camshafts in a combustion motor, is of metal or plastics with an elastic plastics sealing (3). One or more mountings (4) secure the hood (1) to the motor case (2), together with plate springs (5) for tension to be transferred to the hood (1). At the working point, the plate springs (5) have a horizontal characteristic in the force/spring path characteristics. The plate springs (5) fit in a set (6) in the valve hood (1). The hood material is a thermoplastic material such as polyamide with glass fibre reinforcement, or of aluminium, magnesium, steel or titanium. The sealing (3) is of silicon with a low Shore hardness.

IPC 1-7
F02F 7/00

IPC 8 full level
F02B 77/13 (2006.01); **F02F 7/00** (2006.01); **F02F 11/00** (2006.01); **F16B 43/00** (2006.01); **F16J 15/10** (2006.01); **F16M 1/026** (2006.01)

CPC (source: EP KR US)
F02F 5/00 (2013.01 - KR); **F02F 7/006** (2013.01 - EP US); **F05C 2201/021** (2013.01 - EP US); **F05C 2225/06** (2013.01 - EP US); **F05C 2253/16** (2013.01 - EP US); **F05C 2253/18** (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0704614 A1 19960403; **EP 0704614 B1 19980325**; DE 4434453 A1 19960404; DE 4434453 C2 19960718; DE 59501693 D1 19980430; ES 2113703 T3 19980501; JP 3683014 B2 20050817; JP H08114154 A 19960507; KR 100385249 B1 20030814; KR 960011102 A 19960420; US 5655489 A 19970812

DOCDB simple family (application)
EP 95114436 A 19950914; DE 4434453 A 19940927; DE 59501693 T 19950914; ES 95114436 T 19950914; JP 26804195 A 19950922; KR 19950031272 A 19950919; US 52877795 A 19950915