

Title (en)
Valve cover

Title (de)
Ventilhaube

Title (fr)
Couvercle de culasse

Publication
EP 0704614 A1 19960403 (DE)

Application
EP 95114436 A 19950914

Priority
DE 4434453 A 19940927

Abstract (en)
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.

Abstract (de)
Die Erfindung betrifft eine akustisch entkoppelte Ventilhaube für Verbrennungsmotoren mit einer elastischen Kunststoffdichtung als Dichtmaterial und Verbindungselementen mit Tellerfedern, die die Ventilhaube vom Motorgehäuse akustisch entkoppeln. <IMAGE>

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)
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Citation (search report)

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