

Title (en)
Engine valve operation mechanism

Title (de)
Ventilsteuerungseinrichtung

Title (fr)
Commande de soupapes

Publication
EP 1201882 B1 20060222 (EN)

Application
EP 01125919 A 20011030

Priority
• JP 2000329935 A 20001030
• JP 2000335076 A 20001101

Abstract (en)
[origin: EP1201882A1] In an engine valve operation mechanism, opposite ends of a support shaft that supports a cam in a rotatable manner are supported in a first support hole of a first support wall formed in a cylinder head and a second support hole of a second support wall placed inwardly from the first support wall relative to the cylinder head, thereby allowing the support shaft to be inserted into the first support hole and the second support hole from outside the cylinder head, and an inner face of a head cover prevents the support shaft from becoming detached from the first support hole. The axial movement of the cam support shaft can thereby be restricted without employing a special stopper member, and the leakage of lubricating oil for the support shaft can be prevented without using a special sealing member. <IMAGE>

IPC 8 full level
F01L 1/02 (2006.01); **F01L 1/053** (2006.01); **F01L 1/18** (2006.01); **F02B 63/02** (2006.01); **F02B 75/16** (2006.01); **F02F 1/00** (2006.01); **F02F 7/00** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)
F01L 1/02 (2013.01); **F01L 1/024** (2013.01); **F01L 1/053** (2013.01); **F01L 1/18** (2013.01); **F02B 63/02** (2013.01); **F02B 75/16** (2013.01); **F02F 1/002** (2013.01); **F02F 7/006** (2013.01); **F02B 2075/027** (2013.01); **F02B 2275/20** (2013.01)

Cited by
EP3216990A1; US10227902B2; US10030547B2

Designated contracting state (EPC)
DE SE

DOCDB simple family (publication)
EP 1201882 A1 20020502; EP 1201882 B1 20060222; DE 60117332 D1 20060427; DE 60117332 T2 20060803

DOCDB simple family (application)
EP 01125919 A 20011030; DE 60117332 T 20011030