

Title (en)  
Cylinder head for an internal combustion engine

Title (de)  
Zylinderkopf für eine Verbrennungskraftmaschine

Title (fr)  
Culasse pour un moteur à combustion interne

Publication  
**EP 0918154 A3 20000315 (DE)**

Application  
**EP 98122007 A 19981119**

Priority  
JP 31805197 A 19971119

Abstract (en)  
[origin: EP0918154A2] Separate bearing blocks for the two camshafts are fitted to the ends of the cylinder block by fasteners. The camshaft blocks are carry timing adjusters. Each camshaft block has two alignment pegs for accurate positioning on the cylinder head.

IPC 1-7  
**F02F 1/38**; **F01L 1/02**; **F01L 1/053**; **F01L 1/344**; **F01M 9/10**

IPC 8 full level  
**F01L 1/04** (2006.01); **F01L 1/02** (2006.01); **F01L 1/053** (2006.01); **F01L 1/34** (2006.01); **F01L 1/344** (2006.01); **F01M 9/10** (2006.01); **F02F 1/24** (2006.01); **F02F 1/38** (2006.01)

CPC (source: EP US)  
**F01L 1/02** (2013.01 - EP US); **F01L 1/022** (2013.01 - EP US); **F01L 1/053** (2013.01 - EP US); **F01L 1/34** (2013.01 - EP US); **F01L 1/34406** (2013.01 - EP US); **F01M 9/10** (2013.01 - EP US); **F02F 1/38** (2013.01 - EP US); **F01L 2001/0475** (2013.01 - EP US); **F01L 2001/0537** (2013.01 - EP US); **F01L 2001/34433** (2013.01 - EP US); **F01L 2001/3444** (2013.01 - EP US); **F01L 2001/34496** (2013.01 - EP US); **F02B 2275/18** (2013.01 - EP US); **F02F 2001/245** (2013.01 - EP US); **F02F 2007/0063** (2013.01 - EP US)

Citation (search report)

- [X] DE 3943727 A1 19940210 - PORSCHE AG [DE]
- [X] DE 4116944 C1 19920702
- [A] DE 4135377 A1 19930429 - BOSCH GMBH ROBERT [DE]
- [A] US 5529034 A 19960625 - SONE SHIGERU [JP], et al

Cited by  
EP1865157A1; DE10209197B4; EP1865156A1; DE10223431A1; DE10223431B4; US8511269B2; US6776131B2; US7395802B2

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DOCDB simple family (application)  
**EP 98122007 A 19981119**; DE 59813570 T 19981119; JP 31805197 A 19971119; US 19535698 A 19981119