

Title (en)  
Cylinder head layout of an internal combustion engine

Title (de)  
Zylinderkopfanordnung einer Brennkraftmaschine

Title (fr)  
Agencement d'une culasse d'un moteur à combustion interne

Publication  
**EP 0688946 B1 19980923 (DE)**

Application  
**EP 95107276 A 19950513**

Priority  
DE 4421057 A 19940616

Abstract (en)  
[origin: DE4421057C1] The arrangement has gas exchange channels (7) and valve guides (6) located in a base housing (2) mounted on the cylinder block (1). The tapped housing (3) is designed as a single piece part. The lower bearing block halves (22) are integrated into the base housing, and the upper bearing block halves (37) are at least partly located in the cylinder head cover (4). The connecting surface between the base housing and the cylinder head cover lie in the same plane as the dividing surface of the bearing block halves.

IPC 1-7  
**F02F 1/42**; **F02F 7/00**

IPC 8 full level  
**F01M 1/06** (2006.01); **F01M 9/10** (2006.01); **F02F 1/24** (2006.01); **F02F 1/42** (2006.01); **F02F 7/00** (2006.01); **F02B 1/04** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP KR US)  
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Cited by  
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DE FR GB IT SE

DOCDB simple family (publication)  
**DE 4421057 C1 19950914**; DE 59503664 D1 19981029; EP 0688946 A1 19951227; EP 0688946 B1 19980923; JP 3648285 B2 20050518; JP H0849595 A 19960220; KR 100350193 B1 20021218; KR 960001452 A 19960125; US 5609129 A 19970311

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