

Title (en)

Cylinder head for a valve controlled combustion engine

Title (de)

Zylinderkopf für eine ventilsteuerte Brennkraftmaschine

Title (fr)

Culasse pour un moteur à combustion avec réglage par soupapes

Publication

EP 1118762 A3 20020814 (DE)

Application

EP 00125967 A 20001128

Priority

DE 10002512 A 20000121

Abstract (en)

[origin: EP1118762A2] The cylinder head has a housing (10) containing bearing blocks (24,24') for the inlet or outlet camshaft (12) and a camshaft adjuster (22) for altering the position of the camshaft drive wheel relative to the camshaft rotation axis. At least one bearing block (24') has a reduced section to allow space for a cylinder head bolt. A bearing bush (30) that expands the reduced block width has holes for the oil supply to the camshaft adjuster.

IPC 1-7

F02F 1/38; **F01L 1/04**

IPC 8 full level

F01L 1/053 (2006.01); **F01L 1/344** (2006.01); **F02F 1/38** (2006.01)

CPC (source: EP US)

F01L 1/053 (2013.01 - EP US); **F01L 1/344** (2013.01 - EP US); **F02F 1/38** (2013.01 - EP US); **F01L 2001/0476** (2013.01 - EP US)

Citation (search report)

- [A] EP 0829620 B
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- [A] US 5207197 A 19930504 - KLINGMANN ROLF [DE], et al
- [A] DE 19747244 A1 19990429 - SCHAEFFLER WAEZLAGER KG [DE]
- [A] EP 0488156 A1 19920603 - ATSUGI UNISIA CORP [JP]

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WO2013064580A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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