

Title (en)
CYLINDER HEAD OF AN INTERNAL COMBUSTION ENGINE HAVING A CAMSHAFT BEARING RAIL

Title (de)
ZYLINDERKOPF EINER BRENNKRAFTMASCHINE MIT NOCKENWELLENLAGERLEISTE

Title (fr)
CULASSE DE MOTEUR A COMBUSTION INTERNE A BAGUETTE DE PALIER D'ARBRE A CAMES

Publication
EP 1573190 B1 20091230 (DE)

Application
EP 03748043 A 20030916

Priority
• DE 10250303 A 20021029
• EP 0310303 W 20030916

Abstract (en)
[origin: WO2004040115A1] The invention relates to a cylinder head (100) of an internal combustion engine. Said cylinder head is provided with a cylinder head housing (102) and with a divided camshaft bearing rail (200) having a lower part (252), which comprises lower bearing blocks (240), and having an upper part (254), which comprises upper bearing covers. In addition, the cylinder head has a cylinder head cover (110). The upper part (254) of the camshaft bearing rail (200) is designed so that it is closed like a hood, in particular, in the area between the bearing covers.

IPC 8 full level
F02F 1/38 (2006.01); **F01L 1/053** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)
F01L 1/053 (2013.01 - EP US); **F01L 13/0026** (2013.01 - EP US); **F01L 13/0063** (2013.01 - EP US); **F02F 1/38** (2013.01 - EP US); **F01L 2001/0537** (2013.01 - EP US); **F01L 2013/0073** (2013.01 - EP US); **F01L 2303/00** (2020.05 - EP US); **F01L 2303/01** (2020.05 - EP US); **F01L 2800/13** (2013.01 - EP US); **F02B 2275/18** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2004040115 A1 20040513; DE 10250303 A1 20040519; DE 50312304 D1 20100211; EP 1573190 A1 20050914; EP 1573190 B1 20091230; JP 2006504894 A 20060209; US 2005252470 A1 20051117; US 7165522 B2 20070123

DOCDB simple family (application)
EP 0310303 W 20030916; DE 10250303 A 20021029; DE 50312304 T 20030916; EP 03748043 A 20030916; JP 2004547491 A 20030916; US 11617405 A 20050428