

Title (en)

Cylinder head for internal combustion engine and method to manufacture such cylinder head

Title (de)

Zylinderkopf für eine Brennkraftmaschine und Verfahren zur Ausbildung eines derartigen Zylinderkopfes

Title (fr)

Culasse d'un moteur à combustion interne et procédé de fabrication d'une telle culasse

Publication

EP 1942264 B1 20101020 (DE)

Application

EP 07100025 A 20070102

Priority

EP 07100025 A 20070102

Abstract (en)

[origin: EP1942264A1] An internal combustion engine has a cylinder (6), a block (2), and a cast cylinder head (1). Cylinder head has gas exchange channel (3) for conducting gases to and from the cylinder. Gas channel has a tube (5) passing through the cylinder head and into the gas exchange channel. The tube is sealed in a gastight manner and arranged partially outside the gas exchange channel parallel to the axis of the cylinder. An upper side of the block has threads parallel to tube that accept a head bolt (20). The head bolt extends through the tube and engages the threads formed in the block. An independent claim is included for a method for machining an internal combustion engine.

IPC 8 full level

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CPC (source: EP US)

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