Title (en)

CYLINDER HEAD COMPRISING A WATER CORE HAVING A DEGASSING PART AND METHOD OF PRODUCING SUCH A CYLINDER HEAD

Title (de)

EINEN WASSERKERN MIT EINEM ENTGASUNGSTEIL UMFASSENDER ZYLINDERKOPF UND VERFAHREN ZUR HERSTELLUNG SOLCH EINES ZYLINDERKOPFS

Title (fr)

CULASSE COMPRENANT UN NOYAU D'EAU POURVU D'UNE PARTIE DE DEGAZAGE ET PROCEDE DE FABRICATION D'UNE TELLE CULASSE

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Application

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Abstract (en)

[origin: WO2007116160A1] The present invention relates to a cylinder head for an internal-combustion engine comprising a water core and method of producing such a cylinder head comprising the steps of making a mould pattern (7) to form a water core for the cylinder head (10), this water core pattern comprising a main part (8, 9) and a protruding part (6); positioning the pattern (7) of the cylinder head water core on a cylinder head wall (20) core, the protruding part resting on part of the cylinder head wall core; then, after closure of the cylinder head wall core, injecting metal into the cylinder head wall core; and destroying the water core pattern and evacuating the material constituting the water core pattern, the protruding part of the water core pattern generating a protruding part corresponding to the water core. The invention provides a step of fitting a degassing system (51, 52) connected to the corresponding protruding part of the water core.

IPC 8 full level

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