

Title (en)  
CYLINDER HEAD FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
ZYLINDERKOPF FÜR EINE BRENNKRAFTMASCHINE

Title (fr)  
CULASSE DE MOTEUR À COMBUSTION INTERNE

Publication  
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Application  
**EP 07718459 A 20070524**

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Abstract (en)  
[origin: WO2007137314A3] The invention relates to a lightweight cylinder head (1) for an internal combustion engine, comprising at least one cast piece (4) that is cast into an external structure (2), the external structure (2) and the cast piece (4) being made of different materials. In order to obtain high resistance to vibration and to temperature variations, at least one cast piece (4) forms a support structure (3) and embodies at least one screw stud (5) for receiving a cylinder head screw.

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**B22D 19/0009** (2013.01); **F02F 1/24** (2013.01); **F02F 1/38** (2013.01)

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