Title (en)
CYLINDER HEAD FOR INTERNAL COMBUSTION ENGINES

Publication
EP 0210601 A3 19870805 (EN)

Application
EP 86110188 A 19860724

Priority
IT 2177885 A 19850731

Abstract (en)
[origin: EP0210601A2] The present invention concerns a cylinder head for reciprocating internal combustion engines, in particular for high speed engines with spontaneous or controlled ignition. The cylinder head according to the invention is characterized by the fact that the wall separating the combustion chamber from the cooling fluid is made, at least in part, of copper or of an alloy of copper having a high thermal conductivity coefficient. This cylinder head, for the same area of heat exchange, allows a reduction of the temperature of the internal wall of the combustion chamber, allowing higher compression ratios to be used without the phenomenon of knocking, or the use of fuels with lower knock ratings.

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F02F 1/24

IPC 8 full level
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Citation (search report)
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- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 230 (M-249)[1375], 12th October 1983; & JP-A-58 124 045 (SUZUKI JIDOSHA KOGYO K.K.) 23-07-1983

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EP 0210601 A2 19870204; **EP 0210601 A3 19870805**; IT 1200699 B 19890127; IT 8521778 A0 19850731

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