

Title (en)  
DIESEL ENGINE CYLINDER HEAD

Publication  
**EP 0294790 B1 19921216 (EN)**

Application  
**EP 88109148 A 19880608**

Priority  
IT 5339087 U 19870609

Abstract (en)  
[origin: EP0294790A1] The cylinder head comprises a plurality of precombustion chambers (2) the surfaces (3, 4) of which are formed partly in said cylinder head and partly on plugs (5) each of which is inserted into a corresponding seat formed in the cylinder head, and a plurality of pairs of air intake ducts (13) extending to and exhaust gas discharge ducts (14) extending from the engine combustion chamber, the ports of which are controlled by corresponding intake and exhaust valves; in the flat surface (18) which lowerly delimits the cylinder head there being provided a plurality of cavities (20) each of which extends from the lower edge of one of said plugs to the corresponding intake and discharge ducts, so that the cavity is at least partly delimited by the lower edge of the corresponding plug.

IPC 1-7  
**F02F 1/38**

IPC 8 full level  
**F02F 1/38** (2006.01); **F02B 3/06** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP)  
**F02F 1/38** (2013.01); **F02B 3/06** (2013.01); **F02B 2275/16** (2013.01); **F02F 2001/247** (2013.01); **F02F 2001/248** (2013.01)

Citation (examination)

- DE 1053242 B 19590319 - KLOECKNER HUMBOLDT DEUTZ AG
- DE 893727 C 19531019 - KLOECKNER HUMBOLDT DEUTZ AG
- DE 966672 C 19570829 - KLOECKNER HUMBOLDT DEUTZ AG

Cited by  
FR2957120A1; WO2011107687A1

Designated contracting state (EPC)  
DE ES FR GB SE

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**EP 0294790 A1 19881214; EP 0294790 B1 19921216**; DE 3876689 D1 19930128; DE 3876689 T2 19930513; ES 2036619 T3 19930601; IT 210778 Z2 19890111; IT 8753390 V0 19870609

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