Title (en)

Cooling circuit of a cylinder head for internal combustion engine.

Title (de)

Kühlkreislauf eines Zylinderkopfes für eine Brennkraftmaschine.

Title (fr)

Circuit de refroidissement de culasse pour moteur à combustion interne.

Publication

EP 0448525 A1 19910925 (EN)

Application

EP 91830091 A 19910312

Priority

IT 6720390 A 19900320

Abstract (en)

A head (1) for an internal combustion engine for motor vehicles has passages for the circulation of a coolant liquid. The passages comprise two longitudinal ducts (11, 12) extending a long the sides of the head and communicating with an inlet (13) situated at one end (1c) of the head. The longitudinal ducts communicate, through a series of transverse passages (17, 18, 19) arranged around the inlet and exhaust ducts (9, 10), with an intermediate circulation chamber (20) formed in correspondence with the tops of the combustion chambers (3), between the tubular projections (4, 5, 6) defining the seats for the inlet and exhaust valves and for the spark plugs of the engine, and communicating with an outlet (14) for the coolant liquid. <IMAGE>

IPC 1-7

F01P 3/02; F02F 1/38

IPC 8 full level

F01P 3/02 (2006.01); **F02F 1/38** (2006.01); **F02F 1/40** (2006.01); **F02F 1/42** (2006.01); F02B 1/04 (2006.01); F02F 1/24 (2006.01)

CPC (source: EP)

F01P 3/02 (2013.01); **F02F 1/38** (2013.01); **F02F 1/40** (2013.01); **F02F 1/4214** (2013.01); F01P 2003/024 (2013.01); F02B 1/04 (2013.01); F02F 2001/247 (2013.01)

Citation (search report)

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