

Title (en)

CYLINDER HEAD OF AN INTERNAL-COMBUSTION ENGINE WITH THREE VALVES PER CYLINDER

Publication

EP 0209426 B1 19881102 (FR)

Application

EP 86401325 A 19860617

Priority

FR 8510424 A 19850708

Abstract (en)

[origin: EP0209426A1] 1. Cylinder head of a controlled-ignition internal combustion engine, comprising combustion chambers (3) associated with corresponding cylinders of the engine, and wherein each combustion chamber (3) is provided with a spark plug (30), two intake valves (7, 8) and an exhaust valve (9) adapted to seal two intake ducts (4,5) and an exhaust duct (6) which emerge, respectively, in two opposite lateral faces (10, 11) of the cylinder head (1), and in each combustion chamber (3) the exhaust valve (9) and a first intake valve (7) are arranged nearest the lateral surface (11) where the exhaust duct (6) emerges, characterized in that the two intake valves (7, 8) are substantially diametrically opposed, and the inner end (30a) of the spark plug (30) is located between the two intake valves (7, 8), on the side opposite the exhaust valve (9) and close to the center of the chamber (3), and in that the spark plug (30) is crewed into the lateral face (10) where the intake ducts (4, 5) emerge and it is arranged, in an inclined position, below the duct (4) associated with the first intake valve (7).

IPC 1-7

F01L 1/26; **F02F 1/42**

IPC 8 full level

F01L 1/26 (2006.01); **F02F 1/42** (2006.01); **F02F 7/00** (2006.01); **F02B 1/04** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP)

F01L 1/26 (2013.01); **F02F 1/4214** (2013.01); **F02F 7/006** (2013.01); **F02B 1/04** (2013.01); **F02B 2275/20** (2013.01); **F02F 2001/245** (2013.01); **F02F 2001/247** (2013.01)

Cited by

EP0909889A1; FR2769668A1; EP0444018A1; EP0894956A3; EP1002937A3; WO9010141A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0209426 A1 19870121; **EP 0209426 B1 19881102**; BR 8603167 A 19870224; DE 3661092 D1 19881208; FR 2584455 A1 19870109; FR 2584455 B1 19890728

DOCDB simple family (application)

EP 86401325 A 19860617; BR 8603167 A 19860707; DE 3661092 T 19860617; FR 8510424 A 19850708