

Title (en)

Cylinder head with exhgaustr manifold integrated in cylinder head

Title (de)

Zylinderkopf mit im Zylinderkopf integriertem Abgaskrümmer

Title (fr)

Culasse dotée d'un collecteur de gaz d'échappement intégré dans la culasse

Publication

EP 2077386 B1 20160928 (DE)

Application

EP 08100145 A 20080107

Priority

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Abstract (en)

[origin: EP2077386A1] The cylinder head has cylinders (1a-1c) with two outlets (2a, 2b) for discharging exhaust gas from the cylinder. Exhaust gas pipes (4a, 4b) are attached at the outlets. The pipes are combined to form an overall gas pipe (6) by formation of an exhaust manifold (13) within the head. A re-feeding pipe (7) is provided in the cylinder head for re-feeding the exhaust gas. The re-feeding pipe is branched out from the exhaust manifold and exhaust gas pipe parts (5a-5c), where a part of exhaust gas discharged from the cylinders is withdrawn from the manifold within the head.

IPC 8 full level

F02M 26/14 (2016.01)

CPC (source: EP)

F02F 1/243 (2013.01); **F02F 1/4264** (2013.01); **F02M 26/14** (2016.02); **F02M 26/30** (2016.02); **F02F 2001/4278** (2013.01)

Cited by

FR2979953A1; DE102011114771A1; DE102011082766B4; DE102017102780A1; DE102018102447A1; EP2143923A1; EP2143924A1

Designated contracting state (EPC)

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