

Title (en)

Combustion engine with a split inlet conduit

Title (de)

Kolbenbrennkraftmaschine mit unterteiltem Gaseinlasskanal

Title (fr)

Moteur à combustion interne avec un conduit d'admission divisé

Publication

EP 1108878 A3 20020522 (DE)

Application

EP 00125845 A 20001125

Priority

DE 19960626 A 19991216

Abstract (en)

[origin: EP1108878A2] The engine has a gas intake channel (4) opening into a passage (3), for each cylinder. The channel is divided by a dividing wall (5) over at least part of its length, into two part channels (4.1,4.2). At least one part channel has a groove-like profiling extending in flow direction. The dividing plane defined by the wall extends at right angles to the cylinder axis (6). The wall is a formed part of metal plate, and is fastened in the channel wall material by casting-in.

IPC 1-7

F02F 1/42; **F02B 31/08**

IPC 8 full level

F01L 3/06 (2006.01); **F02B 31/00** (2006.01); **F02F 1/42** (2006.01)

CPC (source: EP US)

F02F 1/4242 (2013.01 - EP US)

Citation (search report)

- [XY] EP 0867610 A2 19980930 - HIDAKA ENGINEERING CO LTD [JP]
- [DYA] DE 19803867 A1 19990805 - VOLKSWAGEN AG [DE]
- [DA] WO 9517589 A1 19950629 - FEV MOTORENTECH GMBH & CO KG [DE], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 310 (M - 1620) 14 June 1994 (1994-06-14)

Cited by

EP1336750A3; EP1467075A1; US6918372B2

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EP 1108878 A2 20010620; **EP 1108878 A3 20020522**; DE 19960626 A1 20010621; JP 2001193469 A 20010717; US 2002020389 A1 20020221; US 6478008 B2 20021112

DOCDB simple family (application)

EP 00125845 A 20001125; DE 19960626 A 19991216; JP 2000377625 A 20001212; US 89905601 A 20010706