

Title (en)

Arrangement of intake air conduits for a combustion engine

Title (de)

Luftansaugkanalanordnung für eine Brennkraftmaschine

Title (fr)

Arrangement des conduits d'admission d'air pour un moteur à combustion

Publication

EP 1059435 B1 20041110 (DE)

Application

EP 00105128 A 20000310

Priority

DE 19926545 A 19990611

Abstract (en)

[origin: EP1059435A2] The air intake assembly, for an internal combustion motor, has at least two housing sections (2-4). When assembled together, they form the separate air intake channels (7) to each separate cylinder in the motor, and the exhaust gas return channel (10). At least one housing section (3) has a cooling system (12) to lower the temp. of the exhaust gas flow in the exhaust channel (10). The assembled housing sections (2-4) form a flow channel (14) for the water coolant. The housing sections (2-4) are produced by die casting.

IPC 1-7

F02M 35/104; **F02M 25/07**

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/30** (2016.01); **F02M 26/32** (2016.01); **F02M 35/104** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP)

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Cited by

CN104727996A; CN107893721A; EP1600624A1; FR2958336A1; EP1319825A1; CN103670833A; FR2921592A1; EP1479902A1; DE10321533A1; DE10321533B4; DE102006055814A1; FR2958337A1; DE102006055814B4; US7207324B2; US9790897B2; WO2012126573A1; WO2011120932A1; WO2011120933A1; WO2005024220A1; US7165539B2; US9284917B2; JP2013524070A

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