

Title (en)

Exhaust intake device for an air intake system of an internal combustion engine

Title (de)

Abgaseinleitvorrichtung für ein Luftansaugkanalsystem einer Brennkraftmaschine

Title (fr)

Système d'admission de gaz d'échappement pour un système d'admission d'air d'un moteur à combustion interne

Publication

EP 1215389 B1 20060426 (DE)

Application

EP 01120372 A 20010825

Priority

DE 10062677 A 20001215

Abstract (en)

[origin: EP1215389A2] Exhaust gas discharge device for an air intake channel system of an internal combustion engine having an air intake channel housing with a collecting inlet (4), an upper housing part (5), and a lower housing part (6) comprises an exhaust gas inlet (11) arranged in the air intake channel system which interacts with an exhaust gas return valve and a flow-guiding body (13) influencing the exhaust gas stream. The upper and/or lower housing part has form elements which form the flow-guiding body in the mounted state of the air intake channel housing. Preferred Features: The flow-guiding body is an annular step extending in the axial direction of the fresh air inlet channel and defining a ring channel (14). Openings (15) for the exhaust gas are provided in the annular step.

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/19** (2016.01); **F02M 26/31** (2016.01); **F02M 35/10** (2006.01)

CPC (source: EP)

F02M 26/19 (2016.02); **F02M 26/31** (2016.02); **F02M 35/10118** (2013.01); **F02M 35/10222** (2013.01); **F02M 35/10347** (2013.01); **F02M 35/10354** (2013.01); **F02M 26/11** (2016.02)

Citation (examination)

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EP 1215389 A2 20020619; **EP 1215389 A3 20031112**; **EP 1215389 B1 20060426**; DE 10062677 A1 20020620; DE 50109616 D1 20060601; ES 2262587 T3 20061201

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