Title (en)

Integrated rail device for the exhaust gas recirculation of an internal combustion engine.

Title (de)

Integrierte Rampenvorrichtung für die Abgasrückführung einer Brennkraftmaschine.

Title (fr)

Dispositif à rampe intégrée pour le recyclage des gaz d'échappement d'un moteur à combustion interne.

Publication

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Application

EP 93400837 A 19930331

Priority

FR 9204363 A 19920409

Abstract (en)

[origin: EP0565410A1] The present invention relates to a device for exhaust gas recirculation in an internal combustion engine. This device, in which a rail (65) is connected to the exhaust (40) of the engine (1) and is coupled separately to several intake pipes (12) formed in the cylinder head (11) of this engine, is characterised in that the rail (65) is formed integrally with a support (50) which includes camshaft bearing elements (52) and which covers the cylinder head (11), lengths of pipes (62) extending through the support (50) in the extension of the intake pipes (12) of the cylinder head (11). This invention applies to various types of internal combustion engine, and in particular to diesel engines. <IMAGE>

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F02M 25/07; F02M 35/10

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Cited by

CN109372670A; CN100460664C; EP1870591A3; EP1533512A3; EP0857869A1; US5988148A; EP2055530A2; WO2007065601A1; WO9619657A1; US7069894B2; US7832384B2

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