

Title (en)

Device for mixing exhaust gases to be recirculated to an engine with the intake air and a method for recirculating exhaust gases

Title (de)

Vorrichtung zum Beimischen von rückgeführtem Abgas zur Ansaugluft eines Motors und Verfahren zur Abgasrückführung

Title (fr)

Dispositif pour mélanger les gaz d'échappement recyclés à l'air d'admission d'un moteur et procédé pour recycler les gaz d'échappement

Publication

EP 1580421 B1 20080618 (EN)

Application

EP 05102243 A 20050321

Priority

IT MI20040564 A 20040323

Abstract (en)

[origin: EP1580421A1] Device for introducing exhaust gases recirculated from an internal combustion engine into the intake air supplied to such engine, in which the exhaust gas is divided into several flows that are introduced perpendicularly, through specific channels (3, 3'), into the intake air flow, preferably downstream of an elbow (8) on a duct (1) for such air. Method for recirculating exhaust gases in an internal combustion engine, in which such gases are introduced into the intake air by means of a device as described above, upstream of the intake manifold of the engine.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN106762243A; EP3009652A1; JP2016070187A; US8096289B2; US10612498B2; WO2010059509A3; EP2090770A1

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