

Title (en)

Internal combustion diesel engine with exhaust gases re-circulation, provided with a device for mixing the re-circulation gases

Title (de)

Dieselmotorkraftmaschine mit Abgasrückführung und Mischvorrichtung für rückgeführte Gase

Title (fr)

Moteur à combustion du type diesel avec recirculation de gaz d'échappement et dispositif de mélange des gaz recirculés

Publication

EP 0857870 A3 19990512 (EN)

Application

EP 98830044 A 19980130

Priority

IT TO970100 A 19970211

Abstract (en)

[origin: EP0857870A2] In an internal combustion Diesel engine, a conduit (8) for re-circulation of the exhaust gases into the intake manifold (4) opens on an annular chamber (9) surrounding a portion (10) of the inlet conduit (5) of the intake manifold (4) which is communicated to the latter through a plurality of apertures (11). Preferably this conduit portion (10) of the intake manifold is in form of a Venturi conduit. <IMAGE>

IPC 1-7

F02M 25/07

IPC 8 full level

F02M 25/07 (2006.01)

CPC (source: EP)

F02M 26/19 (2016.02)

Citation (search report)

- [X] DE 4420247 A1 19951214 - IAV MOTOR GMBH [DE], et al
- [A] EP 0732490 A2 19960918 - CUMMINS ENGINE CO INC [US]

Cited by

EP1004767A3; FR2901579A1; DE10118490C2; EP1264981A1; EP1020632A1; FR2788565A1; GB2356223A; GB2356223B; EP1116874A3; ITRM20130103A1; CN105074190A; US2012180478A1; CN102606347A; US8689553B2; US2017314516A1; US10415516B2; EP2236804A1; US6272851B1; US6439212B1; US7845340B2; US6659092B2; US6267106B1; DE102007035556A1; US6640542B2; WO2014128026A1; WO0179680A1

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