

Title (en)

VEHICLE COMPRISING AN EXHAUST GAS RECIRCULATION SYSTEM

Title (de)

FAHRZEUG MIT ABGASRÜCKFÜRSYSTEM

Title (fr)

VEHICULE A SYSTEME DE RECYCLAGE DES GAZ D'ECHAPPEMENT

Publication

EP 1838958 A1 20071003 (DE)

Application

EP 05810846 A 20051119

Priority

- EP 2005012412 W 20051119
- DE 102005002266 A 20050118
- DE 102005009638 A 20050303

Abstract (en)

[origin: WO2006076938A1] The invention relates to a vehicle with an engine (1), especially a diesel engine, which comprises the following elements: an intake tract (2), via which air is supplied to the engine (1), an exhaust gas tract (3), via which exhaust gas emitted by the diesel engine (1) is discharged towards an exhaust gas tail pipe and through the exhaust gas tail pipe to the environment, a branch-off valve (8), disposed in the exhaust gas tract (3) and having an inlet (10), a first outlet (11), connected to the exhaust gas tail pipe, and a second outlet (12), connected to the intake tract. The branch-off valve (8) has a first (13) and a second flap (14) that are kinematically interconnected. The first flap (13) is provided for at least partially closing the first outlet (11) and the second flap (14) is provided for at least partially closing the second outlet (12).

IPC 8 full level

F02B 29/04 (2006.01); **F02M 25/07** (2006.01)

CPC (source: EP US)

F02B 29/04 (2013.01 - EP US); **F02M 26/06** (2016.02 - EP US); **F02M 26/16** (2016.02 - EP US); **F02M 26/38** (2016.02 - EP US);
F02M 26/51 (2016.02 - EP US); **F02M 26/615** (2016.02 - EP US); **F02M 26/70** (2016.02 - EP US); **F02M 26/71** (2016.02 - EP US);
Y02T 10/12 (2013.01 - EP US)

Citation (search report)

See references of WO 2006076938A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 2006076938 A1 20060727; EP 1838958 A1 20071003; JP 2008527248 A 20080724; US 2007261683 A1 20071115

DOCDB simple family (application)

EP 2005012412 W 20051119; EP 05810846 A 20051119; JP 2007551551 A 20051119; US 82666107 A 20070717