

Title (en)

METHOD FOR MEASURING THE MASS FLOW OF EXHAUST GASES CIRCULATING IN AN EGR SYSTEM OF A HEAT ENGINE OF A MOTOR VEHICLE, AND CORRESPONDING FLOWMETER

Title (de)

VERFAHREN ZUR MESSUNG DES MASSENFLUSSES VON IN EINEM EGR-SYSTEM DES WÄRMEMOTORS EINES MOTORFAHRZEUGS ZIRKULIERENDEN ABGASEN UND ENTSPRECHENDES FLUSSMESSGERÄT

Title (fr)

PROCÉDÉ DE MESURE DE DÉBIT MASSIQUE DE GAZ D'ÉCHAPPEMENT CIRCULANT DANS UN SYSTÈME EGR D'UN MOTEUR THERMIQUE DE VÉHICULE AUTOMOBILE ET DÉBITMÈTRE CORRESPONDANT.

Publication

EP 2212654 A1 20100804 (FR)

Application

EP 08872103 A 20081120

Priority

- FR 2008001623 W 20081120
- FR 0708181 A 20071122

Abstract (en)

[origin: WO2009098384A1] The invention relates to a method for measuring the mass flow (Q_m) of exhaust gases circulating in an EGR system of a heat engine of a motor vehicle, the mass flow being measured by using the geometry (S_1 / S_2 , point 1, point 2) of the circuit (10) of the EGR system at a negative-pressure element on the course of the EGR gases.

IPC 8 full level

G01F 1/36 (2006.01); **F02D 21/08** (2006.01); **F02M 25/07** (2006.01); **G01F 1/40** (2006.01); **G01F 1/88** (2006.01)

CPC (source: EP)

F02M 26/29 (2016.02); **G01F 1/36** (2013.01); **G01F 1/40** (2013.01); **G01F 1/88** (2013.01)

Citation (search report)

See references of WO 2009098384A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2924217 A1 20090529; **FR 2924217 B1 20091218**; EP 2212654 A1 20100804; WO 2009098384 A1 20090813

DOCDB simple family (application)

FR 0708181 A 20071122; EP 08872103 A 20081120; FR 2008001623 W 20081120