

Title (en)
Engine exhaust gas circuit

Title (de)
Abgaskreislauf eines Motors

Title (fr)
Circuit des gaz d'échappement d'un moteur

Publication
EP 2025912 B1 20111116 (FR)

Application
EP 08159176 A 20080627

Priority
FR 0756815 A 20070730

Abstract (en)
[origin: EP2025912A1] The circuit has an exhaust line (6) provided with a particle filter (10), and a gas recirculation channel (14) connected to the line at one of its end in downstream of the filter and to an engine inlet circuit (4) at another end. A heat exchanger (17) cools gas in the channel. A tube (18) playing role of bypass is arranged at downstream of the exchanger for returning the channel to the exhaust line. Control units control flow of gas admitted in the channel in a selective manner, and orientation units orient the gas towards an inlet circuit or towards the tube.

IPC 8 full level
F02M 25/07 (2006.01)

CPC (source: EP)
F02M 26/07 (2016.02); **F02M 26/15** (2016.02); **F02M 26/25** (2016.02); **F02M 26/33** (2016.02)

Cited by
EP2211048A1; FR2992357A1; EP2302190A1; CN102374076A; FR3033002A1; DE102016218990A1; US8572962B2; WO2009068504A1; WO2009071754A3; WO2016135244A1; WO2014171907A1; US10458369B2

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

DOCDB simple family (publication)
EP 2025912 A1 20090218; EP 2025912 B1 20111116; AT E533936 T1 20111215; FR 2919681 A1 20090206; FR 2919681 B1 20091009

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