

Title (en)
EXHAUST GAS PURIFICATION SYSTEM FOR INTERNAL COMBUSTION ENGINE

Title (de)
ABGASREINIGUNGSSYSTEM FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)
SYSTÈME DE PURIFICATION DES GAZ D'ÉCHAPPEMENT POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 2557283 A4 20140423 (EN)

Application
EP 10849436 A 20100407

Priority
JP 2010056323 W 20100407

Abstract (en)
[origin: EP2557283A1] The present invention provides a technology which is capable of specifying a deviation in a PM trapped quantity between the central portion and the peripheral portion in the radial direction of a particulate filter. In order to achieve this object, the invention is to measure a PM quantity contained in an exhaust gas flowing out from the central portion in the radial direction of the particulate filter, and a PM quantity contained in the exhaust gas flowing out from the peripheral portion in the radial direction of the particulate filter, and, from these results, obtains the PM trapped quantity at the central portion and the PM trapped quantity at the peripheral portion.

IPC 8 full level
F01N 3/02 (2006.01); **F01N 13/00** (2010.01)

CPC (source: EP)
F01N 13/008 (2013.01); **F01N 2240/36** (2013.01); **F01N 2290/00** (2013.01); **F01N 2560/05** (2013.01)

Citation (search report)
No further relevant documents disclosed

Cited by
FR3007454A1; FR3130882A1; CN109989812A; DE102018220131B4

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2557283 A1 20130213; **EP 2557283 A4 20140423**; **EP 2557283 A8 20130410**; **EP 2557283 B1 20150923**; JP 5360293 B2 20131204;
JP WO2011125192 A1 20130708; WO 2011125192 A1 20111013

DOCDB simple family (application)
EP 10849436 A 20100407; JP 2010056323 W 20100407; JP 2012509237 A 20100407