

Title (en)
Exhaust gas purifying system

Title (de)
Abgasreinigungssystem

Title (fr)
Système de purification de gaz d'échappement

Publication
EP 2058480 A1 20090513 (EN)

Application
EP 08165383 A 20080929

Priority
JP 2007292343 A 20071109

Abstract (en)
An exhaust gas purifying system removes particulate matter from exhaust gas from an engine (1) through an exhaust passage (4). The system includes a filter (5), a reforming catalyst (6) and an injector (8). The filter (5) is provided in the exhaust passage (4) and collects the particulate matter in the exhaust gas. The reforming catalyst (6) is provided in the exhaust passage (4) and is in directly or indirectly contact with the filter (5). The reforming catalyst (6) generates the heat of reaction by reforming fuel. The heat of reaction is transferred to the filter (5) through the contact. The injector (8) supplies the fuel to the reforming catalyst (6).

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Citation (applicant)
JP S59155523 A 19840904 - TOYOTA MOTOR CO LTD

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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

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