

Title (en)
EXHAUST GAS AFTER-TREATMENT SYSTEM

Title (de)
ABGASNACHBEHANDLUNGSSYSTEM

Title (fr)
SYSTÈME DE POST-TRAITEMENT DE GAZ D'ÉCHAPPEMENT

Publication
EP 2399012 A1 20111228 (EN)

Application
EP 10707152 A 20100219

Priority
• US 2010024710 W 20100219
• US 15454409 P 20090223

Abstract (en)
[origin: WO2010096641A1] An exhaust gas after-treatment system (10) for a gasoline engine (12) has a three-way catalyst (14) close-coupled to the gasoline engine, a particulate matter control device (18) positioned downstream of the three-way catalyst, a NOx control system (16) positioned downstream of the particulate matter control device. According to one method of operation, the gasoline engine is operated in a stoichiometric condition upon start-up of the engine, the exhaust gas flow generated by the engine is conducted through the exhaust system, and then the gasoline engine (12) is operated in a lean-burn condition after the NOx control system (16) attains a minimum operating temperature.

IPC 8 full level
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Citation (search report)
See references of WO 2010096641A1

Designated contracting state (EPC)
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