

Title (en)
EXHAUST FILTER REGENERATION REGIME METHOD AND APPARATUS

Title (de)
ABGASFILTERREGENERATIONSSYSTEM, -VERFAHREN, UND -VORRICHTUNG

Title (fr)
PROCEDE ET DISPOSITIF AYANT TRAIT AU REGIME DE REGENERATION D'UN FILTRE D'ECHAPPEMENT

Publication
EP 1730390 A1 20061213 (EN)

Application
EP 05718046 A 20050316

Priority
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Abstract (en)
[origin: WO2005090759A1] An exhaust filter regeneration regime is described in which a filter (20) is regenerated by triggering an exothermic reaction in the filter (20) to burn off particulate load. In order to attain the appropriate regeneration temperatures fuel is injected in the exhaust stream and oxidises upon contact with a catalytic converter (18). A control regime comprises metering fuel injection dependent upon exhaust stream temperature to provide a flexible control regime independent of engine duty cycle.

IPC 8 full level
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Citation (search report)
See references of WO 2005090759A1

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