

Title (en)

REGENERATION METHOD OF A PARTICLE FILTER

Title (de)

VERFAHREN ZUM REGENERIEREN EINES PARTIKELFILTERS

Title (fr)

MÉTHODE DE RÉGÉNÉRATION D'UN FILTRE À PARTICULES

Publication

**EP 2084376 A1 20090805 (FR)**

Application

**EP 07866511 A 20071029**

Priority

- FR 2007052268 W 20071029
- FR 0655118 A 20061127

Abstract (en)

[origin: WO2008065287A1] Exhaust system for an internal combustion engine (1) of a motor vehicle which is equipped with a first oxidation catalytic converter or precatalytic converter (4) positioned near the outlet of gas from the engine, and with a particulate filter (9) associated with a second oxidation catalytic converter (8) these being positioned downstream of the precatalytic converter. It comprises first means for generating an increase in the temperature of the gases leaving the engine (1), second means for generating an exothermal reaction in the precatalytic converter (4) and third means (5) for generating an exothermal reaction in the catalytic converter (8) so as to split the burden of generating the increase in exhaust gas temperature required for regenerating the particulate filter (9) between the engine, the precatalytic converter and the catalytic converter.

IPC 8 full level

**F01N 13/02** (2010.01)

CPC (source: EP US)

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Citation (search report)

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