

Title (en)

METHOD FOR REGENERATING A PARTICLE FILTER AND DEVICE THEREFOR

Title (de)

VERFAHREN ZUM REGENERIEREN EINES PARTIKELFILTERS UND VORRICHTUNG ZUM DURCHFÜHREN DES VERFAHRENS

Title (fr)

PROCEDE DE REGENERATION D'UN FILTRE A PARTICULES ET DISPOSITIF PERMETTANT LA MISE EN OEUVRE DU PROCEDE

Publication

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Application

EP 01940698 A 20010606

Priority

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Abstract (en)

[origin: US2003124031A1] A process for regenerating a particulate filter placed in an exhaust gas line of an internal combustion engine including burning particles emitted during combustion of fuel in the engine and retained in the filter in the presence of an additive containing at least one low-molecular-weight compound including at least two hydroxyl groups and wherein the hydroxyl groups are released in a cold state and an apparatus for regenerating a particulate filter placed in an exhaust gas line of an internal combustion engine, wherein regeneration includes burning particles retained in the filter and emitted during combustion of a fuel in the engine, in the presence of an additive, including a reservoir of an additive solution containing at least one low-molecular-weight compound including at least two hydroxyl groups which are released in a cold state, a meter enabling precise and variable metering of selected quantities of the additive solution injected, a start/stop controller, an electromagnetic injector controller, and pressure regulator driven by and automatically controlled by the engine.

IPC 8 full level

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CPC (source: EP KR US)

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