

Title (en)

SYSTEM FOR THE REGENERATION OF A PARTICLE FILTER OF AN EXHAUST LINE

Title (de)

SYSTEM ZUR REGENERATION EINES PARTIKELFILTERS IN EINER AUSPUFFANLAGE

Title (fr)

SYSTEME D'AIDE A LA REGENERATION D'UN FILTRE A PARTICULES POUR LIGNE D'ECHAPPEMENT

Publication

EP 1581728 B1 20060927 (FR)

Application

EP 04700263 A 20040106

Priority

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Abstract (en)

[origin: US7328573B2] A system for assisting regeneration of a particle filter of an exhaust line (3) of a diesel engine associated with, in particular: a particle filter (7); an oxidation catalytic converter (6); a common system (8) for feeding fuel to the cylinders of the engine; means (16) for adding to the fuel an additive adapted to reduce the combustion temperature of the trapped particles and propagate their combustion; and monitoring means (17) for triggering a phase of regeneration of the particle filter by combustion of the particles trapped therein during a phase of multiple injections of fuel; characterized in that the particle filter (7) is impregnated with a catalyst for oxidizing the hydrocarbons and CO present in the exhaust gases flowing through said particle filter.

IPC 8 full level

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