

Title (en)

SYSTEM FOR ASSISTING REGENERATION OF POLLUTION MANAGEMENT MEANS FOR MOTOR VEHICLE ENGINE

Title (de)

SYSTEM ZUR UNTERSTÜTZUNG DER REGENERIERUNG VON ENTGIFTUNGSMITTELN FÜR EINEN KRAFTFAHRZEUGMOTOR

Title (fr)

SYSTEME D'AIDE A LA REGENERATION DE MOYENS DE DEPOLLUTION POUR MOTEUR DE VEHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: WO2006005863A1] The invention concerns a system for assisting regeneration of pollution management means (1) integrated in an exhaust line (3) of a diesel engine (4), wherein the engine (4) is associated with common ramp means (7, 8) injecting fuel into the cylinders thereof, based on at least one post-injection and adapted to implement, in isocouple, through modification of engine operation control parameters, at least two regeneration strategies called level 1 and level 2 strategies and a second regeneration strategy including level 1 strategies and a sequence alternating the level 2 and over-calibrated level 2 strategies, enabling different thermal levels to be achieved in the exhaust line. The invention is characterized in that it comprises means (8) for analyzing the loading state of the pollution management means and means (8) for comparing same to threshold values, to implement the first regeneration strategy for states with load lower than the threshold values or the second regeneration strategy for states with load higher than the threshold values.

IPC 8 full level

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