

Title (en)
SYSTEM FOR DESULFATING AN NOX-TRAP

Title (de)
SYSTEM ZUR DESULFATISIERUNG EINER NOX-FALLE

Title (fr)
SYSTEME DE DESULFATATION D'UN PIEGE A NOX

Publication
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Application
EP 04791477 A 20041006

Priority
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• FR 0313825 A 20031125

Abstract (en)
[origin: US2007113545A1] This system in which the NOx trap (1) is associated with catalyst-forming means (2) integrated in an exhaust line (3) of a vehicle engine (4), and in which the engine is associated with common manifold or "rail" fuel feeder means (7, 8) for feeding it with fuel and adapted, by modifying control parameters for the operation of the engine, to cause the engine to switch between lean mixture operation (9) and rich mixture (10), is characterized in that the fuel feeder means (7, 8) are adapted to define four strategies (11, 12, 13, 14) for controlling lean mixture operation of the engine (9), and in that the fuel feeder means (7, 8) are adapted to cause the engine to switch between its various strategies in order to keep the trap (1) in a temperature window of maximum effectiveness.

IPC 8 full level
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