

Title (en)

DEVICE FOR USE IN EXHAUST AFTERTREATMENT SYSTEM

Title (de)

VORRICHTUNG ZUR VERWENDUNG IN EINEM ABGASNACHBEHANDLUNGSSYSTEM

Title (fr)

DISPOSITIF À UTILISER DANS UN SYSTÈME DE TRAITEMENT SECONDAIRE D'ÉCHAPPEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008127156A1] The invention relates to a device for use in an exhaust af tertreatment system for an internal combustion engine. The device comprises a particulate filter system (12) having a particulate filter (DPF) (14) for the collection of particles from the engine and a heating unit (13, 15) for the intermittent burning of soot at a temperature suitable for soot combustion. The particulate filter system is arranged to switch between an operating mode for the collection of soot and an operating mode for active regeneration. A bypass line (16) extends between the inlet and outlet of the particulate filter system (12). A valve (17) disposed in the bypass line allows opening or closing of an exhaust gas flow through the bypass line, in dependence on the operating mode of the particulate filter system, by means of a control member (18).

IPC 8 full level

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