

Title (en)

METHOD FOR REGENERATING A PARTICLE FILTER AND ELIMINATING SULPHUR FROM A NITROGEN OXIDE ACCUMULATOR OXIDATION CATALYST

Title (de)

VERFAHREN ZUR REGENERIERUNG EINES PARTIKELFILTERS UND BESEITIGUNG VON SCHWEFEL AUS EINEM STICKOXIDAKKUMULATOROXIDATIONSKATALYSATOR

Title (fr)

PROCÉDÉ DE RÉGÉNÉRATION D'UN FILTRE À PARTICULES ET D'ÉLIMINATION DE SOUFRE D'UN CATALYSEUR D'OXYDATION ACCUMULATEUR D'OXYDES D'AZOTE.

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Application

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Abstract (en)

[origin: WO2016083691A1] The invention concerns a method for regenerating a particle filter and eliminating sulphur from an oxidation catalyst (DOC), the particle filter (FAP) and the oxidation catalyst (DOC) being housed in an exhaust line (4) provided on an internal combustion engine (1), into which an air/fuel mixture (M) is supplied. The method comprises: - a first enrichment step that is carried out when a phase of regenerating the particle filter (FAP) is triggered, in which a richness (R) of the air/fuel mixture (M) increases from a first richness (R_i) to a second richness (R₂) - a second enrichment step in which the richness (R) increases from the second richness (R₂) to a third richness (R₃) that is carried out when an instruction to eliminate sulphur from the oxidation catalyst (DOC) is sent by a desulphation supervisor, and when an acceleration phase (Phase) of the motor vehicle is carried out.

IPC 8 full level

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