

Title (en)
METHOD FOR ADJUSTING THE TEMPERATURE CONTROL OF A PARTICULATE FILTER

Title (de)
VERFAHREN ZUR ANPASSUNG DER TEMPERATURREGELUNG BEI EINEM PARTIKELFILTER

Title (fr)
PROCEDE D'ADAPTATION D'UNE REGULATION DE LA TEMPERATURE D'UN FILTRE A PARTICULES

Publication
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Application
EP 09784475 A 20090706

Priority
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Abstract (en)
[origin: WO2010010268A1] The invention relates to a method for adjusting the temperature of a particle filter of an exhaust line (1) during a regeneration phase of said filter by injecting fuel into the exhaust gases, and which includes the steps of: measuring the temperature (T5) in the particle filter; predetermining an amount of fuel to inject into the exhaust gases (Qigec), said amount including a first component (Qd c) predetermined by means of an open control loop not factoring in the measured temperature, and said amount including a second component (Qc2) predetermined by means of a closed control loop factoring in the measured temperature; and, on the basis of the amplitude of the second component relative to the predetermined fuel amount, predetermining a correction term (Kc) of the first component and applying said correction term in the open control loop.

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