

Title (en)

PROCESS AND DEVICE FOR DETERMINING THE LOAD LEVEL OF PARTICLE FILTERS.

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG DES BELADUNGSZUSTANDS VON PARTIKELFILTERN.

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER L'ETAT DE CHARGE DE FILTRES A PARTICULES.

Publication

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Application

EP 94906764 A 19930806

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Abstract (en)

[origin: WO9403711A1] A process and device are disclosed for determining the load level of a particle filter (10) provided in the exhaust gas system (11) of a Diesel engine. The pressure drop (Delta) pfilter across the particle filter (10) is measured by a first differential pressure measurement device (21). The pressure drop (Delta) pthrottle across a cross-sectional reduction (15) of the exhaust gas system (11) is measured by a second differential pressure measurement device (22). The pressure value measured in the first differential pressure measurement device (21) is correlated with the pressure value measured in the second differential pressure measurement device (22) in order to form a real characteristic value (IK), and the real characteristic value (IK) is compared with a limit characteristic value (GK), so that when the difference is sufficiently small a regeneration process is initiated.

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