

Title (en)

Filter regenerating method and exhaust emission control device

Title (de)

Regenerierungsverfahren eines Filters und Vorrichtung zur Abgasemissionssteuerung

Title (fr)

Méthode de régénération d'un filtre et dispositif de réglage des émissions d' échappement

Publication

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Application

EP 99121232 A 19991023

Priority

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Abstract (en)

An additive agent is added to fuel, suction gas or exhaust gas, for lowering an ignition temperature of particulate matter contained in the exhaust gas. In a desired timing at which a pressure difference between the front and rear of a filter, arranged in an exhaust pipe, is increased due to the operation of an engine, an electric heater element of the filter is supplied with electric power of at least 2 kW for 10 to 80 seconds, to quickly burn the particulate matter having a lowered ignition temperature and captured by the filter. This regeneration method can be carried out in such a condition that the engine continuously operates and the exhaust gas containing the particulate matter constantly passes through the filter, without isolating the filter. <IMAGE>

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