

Title (en)

Internal combustion engine exhaust gas control apparatus

Title (de)

Steuerungsverfahren für ein Abgasreinigungssystem und ein Abgasreinigungssystem

Title (fr)

Procédé de commande pour un système de purification des gaz d'échappement et système de purification des gaz d'échappement

Publication

EP 2216531 B1 20161221 (EN)

Application

EP 10153088 A 20100209

Priority

JP 2009027312 A 20090209

Abstract (en)

[origin: EP2216531A1] In an exhaust gas control apparatus, a period of time from after filter regeneration starts in response to a command to regenerate a filter (22) until the filter regeneration has been completed, and which is a period of time during which the filter regeneration is not prohibited, is determined to be a period of time during which the filter is in a filter regeneration incomplete state. A current duration count value is maintained when the internal combustion engine switches to a state other than a filter regenerating state while the filter is in that filter regeneration incomplete state. According to this kind of control, the counter is not reset even if the combustion mode switches to a normal combustion mode while the filter is being regenerated. Instead, the current duration count value is maintained, so the filter regeneration duration can be accurately counted. As a result, oil dilution can be reliably suppressed.

IPC 8 full level

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