

Title (en)

METHOD OF CONTROLLING AN NO_x STORAGE CATALYST

Title (de)

VERFAHREN ZUR STEUERUNG EINER REGENERATION EINES NO_x-SPEICHERKATALYSATORS

Title (fr)

PROCEDE DE COMMANDE DE LA REGENERATION D'UN CATALYSEUR ACCUMULATEUR DE NO_x

Publication

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Application

EP 00931213 A 20000513

Priority

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Abstract (en)

[origin: DE19923498A1] Controlling regeneration of a NO_x storage catalyst in exhaust gas channel of an IC engine comprises comparing the measured NO_x concentration with a NO_x set concentration after the storage catalyst and determining a comparison value corresponding to a deviation of this NO_x concentration from the set concentration. Process for controlling the regeneration of a NO_x storage catalyst in the exhaust gas channel of an IC engine comprises comparing the measured NO_x concentration with a NO_x set concentration after the storage catalyst and determining a comparison value corresponding to a deviation of this NO_x concentration from the NO_x set concentration. On exceeding the comparison value over a prescribed threshold value, a regeneration measurement is determined during which an operating parameter of the IC engine is temporarily influenced. The regeneration measurement is selected depending on a regeneration measure optionally carried out before. During and after the regeneration measurement the comparison value is determined again and a further regeneration measurement is determined on exceeding the comparison value via the threshold value.

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