

Title (en)

Method for catalytically cleaning the exhaust gas of an internal combustion engine and exhaust gas system.

Title (de)

Verfahren zur katalytischen Reinigung der Abgase einer Brennkraftmaschine und Abgasvorrichtung.

Title (fr)

Méthode de traitement catalytique des gaz d'échappement d'un moteur à combustion interne et dispositif d'échappement.

Publication

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Application

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Priority

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Abstract (en)

The present invention relates to a method for catalytically cleaning the exhaust gas of an internal combustion engine and an exhaust gas system wherein a multi-staged cleaning of exhaust gas takes place by means of that the total flow of exhaust gas is sub-divided into a plurality of partial flows of exhaust gas, at least in two flows of exhaust gas, fed through a catalytic converter means in successively varying amounts of volume through different parts of the catalytic converter means. In this way cleaning activity of the catalytic converter means can be improved and more even heat distribution across the catalytic converter means can be obtained and a small sized construction of a muffler of the exhaust gas system is possible. <IMAGE>

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Citation (search report)

- [A] US 4495153 A 19850122 - MIDORIKAWA MINORU [JP]
- [A] DE 4002774 A1 19910801 - BOYSEN FRIEDRICH GMBH CO KG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 16, no. 282 (M-1269)23 June 1992 & JP-A-04 072414 (YAMAHA MOTOR CO LTD) 6 March 1992

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EP1971466A4; US6158214A; CN101482045A; FR2775498A1; WO0008315A1; WO9943934A1; WO9735100A1

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