

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

EP 0563882 B1 19970910 (EN)

Application

EP 93105250 A 19930330

Priority

JP 10252592 A 19920330

Abstract (en)

[origin: EP0563882A1] 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>

IPC 1-7

F01N 3/28; **F01N 1/08**

IPC 8 full level

F01N 1/08 (2006.01); **F01N 3/20** (2006.01); **F01N 3/24** (2006.01); **F01N 3/28** (2006.01)

CPC (source: EP)

F01N 1/084 (2013.01); **F01N 3/2053** (2013.01); **F01N 3/2839** (2013.01); **F01N 3/2885** (2013.01); **F01N 2490/06** (2013.01)

Citation (examination)

EP 0355489 A1 19900228 - BAYERISCHE MOTOREN WERKE AG [DE]

Cited by

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

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

EP 0563882 A1 19931006; **EP 0563882 B1 19970910**; DE 69313695 D1 19971016; DE 69313695 T2 19980108; JP 3200772 B2 20010820; JP H05280329 A 19931026

DOCDB simple family (application)

EP 93105250 A 19930330; DE 69313695 T 19930330; JP 10252592 A 19920330