

Title (en)

Exhaust gas treatment system for an internal combustion engine

Title (de)

Abgasbehandlungsanordnung für eine Brennkraftmaschine

Title (fr)

Dispositif de traitement de gaz d'échappement pour moteur à combustion interne

Publication

EP 1353049 A3 20060329 (DE)

Application

EP 02027712 A 20021211

Priority

DE 10216272 A 20020412

Abstract (en)

[origin: EP1353049A2] An exhaust gas treatment device comprises exhaust gas catalysts each supported by a cylindrical catalyst support body (42), a number of groups of tube flanges (17), each provided for coupling to one or more exhaust gas ejection openings (9), and a number of catalyst holding tubes (27) having a first tube region (31) for receiving a catalyst support body. Each catalyst holding tube is coupled to the tube flange of each group of tube flanges via a tube branch. Preferred Features: The catalyst holding tube further comprises a second tube region (39) connected to the first tube region for removing exhaust gas treated in the catalyst support body. The first tube region has a larger inner diameter (D1) than the second tube region. The cross-section of the catalyst support body is the same as or larger than the cross-section (D2) of the second tube region. The first and second tube regions are formed as a one-piece unit.

IPC 8 full level

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CPC (source: EP)

F01N 3/2875 (2013.01); **F01N 3/2882** (2013.01); **F01N 13/10** (2013.01); **F01N 13/102** (2013.01); **F01N 13/1805** (2013.01); **F01N 2260/10** (2013.01); **F01N 2330/02** (2013.01); **F01N 2330/06** (2013.01); **F01N 2450/22** (2013.01); **F01N 2450/24** (2013.01)

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