

Title (en)
Internal combustion engine exhaust device

Title (de)
Abgasvorrichtung für Brennkraftmaschine

Title (fr)
Dispositif pour gaz d'échappement d'un moteur à combustion interne

Publication
EP 1188909 A2 20020320 (EN)

Application
EP 01122095 A 20010914

Priority
IT BO20000535 A 20000915

Abstract (en)
An exhaust device (1) for internal combustion engines (2), having a main catalyst (3), an auxiliary catalyst (4), and an exhaust manifold (5) connecting the input of the main catalyst (3) to the exhaust outlets of the internal combustion engine (2), so as to feed the exhaust gases from the exhaust outlets to the main catalyst (3); the exhaust manifold (5) assuming a first operating configuration connecting the input of the main catalyst (3) to the output of the auxiliary catalyst (4), and the input of the auxiliary catalyst (4) to the internal combustion engine (2), and a second operating configuration connecting the input of the main catalyst (3) directly to the internal combustion engine (2) and excluding the auxiliary catalyst (4).
<IMAGE>

IPC 1-7
F01N 3/20

IPC 8 full level
F01N 3/20 (2006.01); **F01N 13/02** (2010.01)

CPC (source: EP US)
F01N 3/2053 (2013.01 - EP US); **F01N 13/009** (2014.06 - EP US); **F01N 2410/02** (2013.01 - EP US)

Cited by
EP1710408A1; EP1752634A1; EP2022968A1; DE10258850A1; EP1795723A3; EP1605145A1; US7509800B2; US7441400B2; US7559196B2; US7726119B2; US7748213B2; US8176728B2; US8607545B2

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