

Title (en)
EXHAUST PIPE FOR MOTOR VEHICLE ENGINES

Publication
EP 0171624 B1 19881109 (DE)

Application
EP 85108816 A 19850715

Priority
DE 3427998 A 19840728

Abstract (en)
[origin: EP0171624A1] 1. Exhaust gas ducting (13) destined for motor vehicle engines, particularly exhaust gas manifold ducting with several pipe connections leading to the outlet openings (11, 12) of the cylinder head, in which the exhaust gas flows through a heat-insulating duct made of sintered ceramic material (14, 15) onto which is cast a metallic jacket (16, 17) having a flange for securing the ducting to the cylinder head or a duct for further conveying the gas, characterised in that the ceramic duct (14, 15) has a break at at least one section (23), in that the metal jacket (16, 17) is cast on the duct so as to leave the section (23) free, and in that the break is bridged over by means of a flexible metallic intermediate piece (24) connecting the sections of the ducting or the adjacent metallic jacket sections.

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F01N 7/10; F01N 7/14

IPC 8 full level
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CPC (source: EP)
F01N 13/102 (2013.01); **F01N 13/141** (2013.01); **F01N 13/16** (2013.01); **F01N 13/1811** (2013.01); **F01N 13/107** (2013.01); **F01N 2310/06** (2013.01)

Cited by
EP2843207A1; EP0384853A3; EP1048829A1; FR2981403A1; EP1291500A3; EP2450543A1; CN102465748A; FR2899933A1; DE112007000864B4; EP0696677A1; US5606857A; EP0737803A1; US5689954A; US5356598A; US9416719B2; WO2007118969A1; US8245506B2; US10808604B2; WO2012063096A1; WO2018099702A1

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