

Title (en)

Exhaust collector, particularly for an internal combustion engine in a motor vehicle, and process for its manufacture

Title (de)

Abgassammelrohr, insbesondere für eine Brennkraftmaschine in einem Kraftfahrzeug, und Verfahren zu dessen Herstellung

Title (fr)

Collecteur d'échappement, en particulier pour un moteur à combustion interne d'un véhicule à moteur, et procédé pour sa fabrication

Publication

EP 0737803 B1 19991103 (DE)

Application

EP 96101586 A 19960205

Priority

DE 19514020 A 19950413

Abstract (en)

[origin: EP0737803A1] The compensator (10,11) between two pipe sections (7,8,9) serves to compensate for the length alteration as the result of temp. change. Within the compensator is arranged a gas feed pipe (22) which is formed via extended connections (19) from at least one of the pipe sections. The connection forming the gas feed pipe is cylindrical, oval or conical. The connection is formed on a pipe section (7) and the compensator on the adjoining pipe section (8), whereby the free end of the compensator tightly encloses the other pipe section. The free end of the compensator is formed by a cylindrical connecting section, the internal dia. of which corresponds to the outer dia. of the adjoining pipe section.

IPC 1-7

F01N 7/10; **F01N 7/18**

IPC 8 full level

F01N 13/10 (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)

F01N 13/10 (2013.01 - EP US); **F01N 13/1816** (2013.01 - EP US); **F01N 13/1883** (2013.01 - EP US)

Cited by

WO2007139522A1; EP0789137B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0737803 A1 19961016; **EP 0737803 B1 19991103**; DE 19514020 A1 19961017; DE 59603526 D1 19991209; US 5689954 A 19971125

DOCDB simple family (application)

EP 96101586 A 19960205; DE 19514020 A 19950413; DE 59603526 T 19960205; US 61667096 A 19960315