

Title (en)

Exhaust manifold for flue gas discharge out of an internal combustion engine

Title (de)

Abgaskrümmer zur Abgasabführung aus einem Verbrennungsmotor

Title (fr)

Collecteur d'échappement pour évacuation des gaz de fumée d'un moteur à combustion interne

Publication

EP 1225314 A3 20030924 (DE)

Application

EP 01128808 A 20011204

Priority

DE 10102637 A 20010120

Abstract (en)

[origin: EP1225314A2] The manifold has an outer shell (2) extending along the row of outlet openings of the cylinders, and an inner shell to form an insulating air gap between the two shells. A common outlet opening (10') is formed on a centre section of the manifold and for each of the four or more cylinders there is an inlet flange (2 to 8) located on the exhaust inlet side whereby the flanges of the two middle cylinders are connected together through a web. The web has a through bore between the flanges so that it can be heated up by the hot exhaust gases.

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)

F01N 13/102 (2013.01); **F01N 13/105** (2013.01); **F01N 13/107** (2013.01); **F01N 13/1811** (2013.01); **F01N 13/1888** (2013.01); **F01N 13/1872** (2013.01)

Citation (search report)

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