

Title (en)
EXHAUST GAS MANIFOLD

Title (de)
ABGASKRÜMMER

Title (fr)
COLLECTEUR DE GAZ D'ECHAPPEMENT

Publication
EP 1206631 B1 20050202 (DE)

Application
EP 00945872 A 20000705

Priority
• DE 19936878 A 19990805
• DE 10001287 A 20000114
• EP 0006285 W 20000705

Abstract (en)
[origin: US6789386B1] An exhaust gas manifold for mounting on a cylinder head of an internal combustion engine, composed of at least one cylinder support having bores for evacuating the exhaust gas. The exhaust gas manifold comprises an exhaust gas manifold collector housing (9) for collecting exhaust gas from the cylinder head, and a sealing device (10) placed between the exhaust gas collector housing (9) and the cylinder head (2). The exhaust gas manifold collector housing (9) is provided with recesses (12) so that it can be directly connected to the cylinder head (2) via a fixation mechanism (18), whereby the effect of heat enables movements between the exhaust gas manifold collector housing (9) and the cylinder head (2).

IPC 1-7
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IPC 8 full level
F01N 3/28 (2006.01); **F01N 13/08** (2010.01); **F01N 13/10** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)
F01N 3/2842 (2013.01 - EP US); **F01N 13/08** (2013.01 - EP US); **F01N 13/10** (2013.01 - EP US); **F01N 13/102** (2013.01 - EP US); **F01N 13/105** (2013.01 - EP US); **F01N 13/1811** (2013.01 - EP US); **F01N 2450/24** (2013.01 - EP US)

Cited by
DE102014103809A1; DE102014105656A1; EP3001004A1; DE102014114002A1; US9689302B2; FR2883031A1; DE102009037520A1; WO2005116412A1; EP2921670A2; US9677453B2; EP2937539A1; US9410470B2

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