

Title (en)
Exhaust manifold

Title (de)
Auspuffkrümmer

Title (fr)
Collecteur d'échappement

Publication
EP 1548245 A3 20060816 (DE)

Application
EP 04027814 A 20041124

Priority
DE 10360645 A 20031223

Abstract (en)
[origin: EP1548245A2] The exhaust manifold (1) to connect an exhaust system to at least one cylinder of an internal combustion engine has at least one split manifold section (3,9,17) assembled from at least two moulded shells (4,14,10,20,18,28) joined together by a mechanical form closure. The manifold is provided with at least one inlet (5,11,19), whereby each split manifold is constructed so that the inlet opens into the cylinder. Each split manifold section is fastened by a flange (23) installed on the cylinder. An independent claim is included for a split manifold section as at least one component of an exhaust manifold.

IPC 8 full level
F01N 7/10 (2006.01); **F01N 7/18** (2006.01); **F01N 13/10** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)
F01N 13/10 (2013.01 - EP US); **F01N 13/18** (2013.01 - EP US); **F01N 13/1872** (2013.01 - EP US)

Citation (search report)

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- [A] DE 19628797 C1 19980122 - DAIMLER BENZ AG [DE]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1548245 A2 20050629; EP 1548245 A3 20060816; DE 10360645 A1 20050721; US 2005183414 A1 20050825

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EP 04027814 A 20041124; DE 10360645 A 20031223; US 2210404 A 20041223