

Title (en)
Exhaust manifold

Title (de)
Abgaskrümmer

Title (fr)
Collecteur d'échappement

Publication
EP 1199450 B1 20060111 (DE)

Application
EP 01124565 A 20011015

Priority
DE 10051277 A 20001016

Abstract (en)
[origin: EP1199450A2] The exhaust manifold (1), for mounting at the cylinder block of an internal combustion motor, has the outlet ends (3) of the exhaust channels (2) next to each other within a common adapter (4), and wholly shrouded by the adapter wall (5). The exhaust channel outlet openings have an edge section (9) sealed at the adapter wall. A web (6) is between neighboring exhaust outlet openings in the adapter, sealed against the adjacent opening edge sections (8).

IPC 8 full level
F01N 13/18 (2010.01); **F01N 13/08** (2010.01); **F01N 13/10** (2010.01)

CPC (source: EP)
F01N 13/08 (2013.01); **F01N 13/10** (2013.01)

Cited by
EP1413719A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1199450 A2 20020424; EP 1199450 A3 20030723; EP 1199450 B1 20060111; DE 10051277 A1 20020425; DE 50108656 D1 20060406

DOCDB simple family (application)
EP 01124565 A 20011015; DE 10051277 A 20001016; DE 50108656 T 20011015