

Title (en)
Exhaust manifold

Title (de)
Abgaskrümmer

Title (fr)
Collecteur de gaz d'échappement

Publication
EP 1905974 B2 20170322 (DE)

Application
EP 07008323 A 20070424

Priority
DE 202006014855 U 20060927

Abstract (en)
[origin: EP1905974A2] The exhaust gas manifold includes a flange part (8) with several exhaust gas passages (12) and an exhaust gas guide part fixed to it. The flange part is made with a base element (10) and a stop washer (16) acting as a stop for the exhaust gas guide part. The stop washer corresponds at least partly to the shape of the exhaust gas guide part where it joins the flange part.

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

CPC (source: EP)
F01N 13/10 (2013.01); **F01N 13/102** (2013.01); **F01N 13/141** (2013.01); **F01N 13/1805** (2013.01); **F01N 13/1861** (2013.01); **F01N 13/1872** (2013.01)

Cited by
CN103470888A

Designated contracting state (EPC)
AT CZ DE FR

DOCDB simple family (publication)
EP 1905974 A2 20080402; **EP 1905974 A3 20090422**; **EP 1905974 B1 20110223**; **EP 1905974 B2 20170322**; AT E499514 T1 20110315; DE 202006014855 U1 20061130; DE 502007006533 D1 20110407

DOCDB simple family (application)
EP 07008323 A 20070424; AT 07008323 T 20070424; DE 202006014855 U 20060927; DE 502007006533 T 20070424