

Title (en)
EXHAUST MANIFOLD

Title (de)
ABGASSAMMLER

Title (fr)
COLLECTEUR DE GAZ D'ÉCHAPPEMENT

Publication
EP 3303793 A1 20180411 (EN)

Application
EP 16730039 A 20160527

Priority
• SE 1550729 A 20150604
• SE 2016050489 W 20160527

Abstract (en)
[origin: WO2016195573A1] Herein an exhaust manifold (2) is disclosed. A first inlet passage (8) connects to a main passage (12) at a junction. An intersecting wall portion (20) between the first inlet passage (8) and the main passage (12) forms an upstream end portion of the junction. A first portion (22) of the first inlet passage (8) has a first inlet passage cross sectional area (24). The first inlet passage cross sectional area (24) is smaller than a second inlet passage cross sectional area (28) of a second portion (26) of the first inlet passage (8) upstream of the first portion (22) of the first inlet passage (8). The main passage (12) comprises a first main passage portion (30) at the intersecting wall portion (20). The first main passage portion (30) having a first main passage cross sectional area (32). The first main passage cross sectional area (32) is smaller than a second main passage cross sectional area (48) of a second main passage portion (40) upstream of the junction (18).

IPC 8 full level
F01N 13/10 (2010.01)

CPC (source: EP KR SE)
F01N 13/10 (2013.01 - EP KR SE); **F01N 2260/06** (2013.01 - EP KR); **F01N 2340/00** (2013.01 - SE); **F01N 2470/10** (2013.01 - EP KR)

Citation (search report)
See references of WO 2016195573A1

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WO 2016195573 A1 20161208; BR 112017026081 A2 20180821; BR 112017026081 B1 20230207; EP 3303793 A1 20180411; EP 3303793 B1 20190807; KR 20180009765 A 20180129; SE 1550729 A1 20161205; SE 538932 C2 20170221

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