

Title (en)
EXHAUST MANIFOLD

Title (de)
ABGASSAMMLER

Title (fr)
COLLECTEUR DE GAZ D'ÉCHAPPEMENT

Publication
EP 3303793 B1 20190807 (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)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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

DOCDB simple family (application)
SE 2016050489 W 20160527; BR 112017026081 A 20160527; EP 16730039 A 20160527; KR 20177036404 A 20160527; SE 1550729 A 20150604