

Title (en)

Exhaust intake device for an internal combustion engine

Title (de)

Abgaseinleitvorrichtung für eine Brennkraftmaschine

Title (fr)

Système d'admission de gaz d'échappement pour un moteur à combustion interne

Publication

EP 1508684 B1 20080625 (DE)

Application

EP 04016199 A 20040709

Priority

DE 10337723 A 20030816

Abstract (en)

[origin: EP1508684A1] A stamped piece, provided on an exhaust gas introduction plate (5), has formable webs which form webs protruded away from the exhaust gas introduction plate to define a ring channel with ring openings when the exhaust gas introduction plate is assembled to the wall section of an intake manifold (2). Independent claims are also included for the following: (A) an internal combustion device; and (B) an exhaust gas feeder assembling method.

IPC 8 full level

F02M 25/07 (2006.01)

CPC (source: EP US)

F02M 26/11 (2016.02 - EP US); **F02M 26/18** (2016.02 - EP US); **F02M 26/21** (2016.02 - EP US); **F02M 26/32** (2016.02 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1508684 A1 20050223; **EP 1508684 B1 20080625**; AT E399261 T1 20080715; DE 10337723 A1 20050317; DE 10337723 B4 20070405; DE 502004007430 D1 20080807; US 2005034713 A1 20050217; US 7011082 B2 20060314

DOCDB simple family (application)

EP 04016199 A 20040709; AT 04016199 T 20040709; DE 10337723 A 20030816; DE 502004007430 T 20040709; US 91845004 A 20040816