

Title (en)

Charge fluid intake module, charge fluid intake system, charge fluid intake tract, exhaust gas recirculation system, internal combustion engine

Title (de)

Ansaugluft-Einlassmodul, Ansaugluft-Einlasssystem, Ansaugluft-Einlasstrakt, Abgasrückführsystem, Verbrennungsmotor

Title (fr)

Module d'entrée de fluide de charge, système d'entrée de fluide de charge, tract d'entrée de fluide de charge, système de recirculation de gaz d'échappement, moteur à combustion interne

Publication

EP 2055921 A1 20090506 (EN)

Application

EP 07021265 A 20071031

Priority

EP 07021265 A 20071031

Abstract (en)

The invention concerns a charge fluid intake module (1) for an internal combustion engine (11) having a housing (2) which forms a flow path for a gaseous charge fluid (13, 17), in particular air, a gas and/or an air/gas mixture. According to the concept of the invention, it is provided that the housing (2) is designed to receive a heat exchanger (31) for an exhaust gas (45) and substantially in one piece with two housing portions, a connection piece (7) for the charge fluid on the first housing portion (3) being designed for connection to an inlet manifold (83) of a charge fluid intake tract (10).

IPC 8 full level

F02M 25/07 (2006.01)

CPC (source: EP)

F02M 26/17 (2016.02); **F02M 26/30** (2016.02); **F02M 35/10222** (2013.01); **F02B 3/06** (2013.01); **F02M 26/05** (2016.02); **F02M 26/06** (2013.01); **F02M 26/25** (2016.02); **F02M 26/32** (2016.02)

Citation (applicant)

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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2055921 A1 20090506; EP 2055921 B1 20120229; AT E547614 T1 20120315; ES 2385013 T3 20120717

DOCDB simple family (application)

EP 07021265 A 20071031; AT 07021265 T 20071031; ES 07021265 T 20071031