

Title (en)

ARRANGEMENT FOR RECIRCULATION OF EXHAUST GASES AT AN INTERNAL COMBUSTION ENGINE

Title (de)

ANORDNUNG ZUR RÜCKFÜHRUNG VON ABGASEN IN EINER BRENNKRAFTMASCHINE

Title (fr)

AGENCEMENT DE RECIRCULATION DE GAZ D'ÉCHAPPEMENT AU NIVEAU D'UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 2941558 B1 20180228 (EN)**

Application

**EP 13870300 A 20131216**

Priority

- SE 1350004 A 20130104
- SE 2013051513 W 20131216

Abstract (en)

[origin: WO2014107126A1] The invention concerns an arrangement for the recirculation of exhaust gases in a combustion engine. An inlet pipe (4) is arranged for incoming air (6) intended to be supplied to the cylinders of the engine, which inlet pipe (4) demonstrates an inlet end (8), and an EGR injector (10) for the supply of recirculating exhaust gases (12) to the incoming air (6). The EGR injector is arranged in the inlet pipe (4) such that the outlet part (14) of the EGR injector is located essentially outside of the inlet duct (4). The outlet part (14) comprises several outlets (16) distributed in the longitudinal direction of the outlet part, and the said several outlets (16) are asymmetrically distributed around the circumference of the outlet part.

IPC 8 full level

**F02M 26/19** (2016.01); **F02M 35/10** (2006.01)

CPC (source: EP SE)

**F02M 26/19** (2016.02 - EP SE); **F02M 35/10222** (2013.01 - EP)

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 2014107126 A1 20140710**; BR 112015015193 A2 20170711; BR 112015015193 B1 20220222; BR 112015015193 B8 20220510; EP 2941558 A1 20151111; EP 2941558 A4 20160810; EP 2941558 B1 20180228; KR 101795699 B1 20171108; KR 20150097800 A 20150826; SE 1350004 A1 20140705; SE 536919 C2 20141028

DOCDB simple family (application)

**SE 2013051513 W 20131216**; BR 112015015193 A 20131216; EP 13870300 A 20131216; KR 20157020009 A 20131216; SE 1350004 A 20130104