

Title (en)

ARRANGEMENT FOR RECIRCULATION OF EXHAUSTS 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 A4 20160810 (EN)**

Application

**EP 13870300 A 20131216**

Priority

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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

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CPC (source: EP SE)

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Citation (search report)

- [I] FR 2879262 A1 20060616 - RENAULT SAS [FR]
- [A] US 7389770 B2 20080624 - BERTILSSON BERT-INGE [SE], et al
- [A] US 2012216530 A1 20120830 - FLYNN PAUL LLOYD [US], et al
- [A] JP 2000054915 A 20000222 - ISUZU MOTORS LTD
- See references of WO 2014107126A1

Designated contracting state (EPC)

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