

Title (en)

Waste gas reclaim module for a combustion engine

Title (de)

Abgasrückführmodul für eine Verbrennungskraftmaschine

Title (fr)

Module de recirculation des gaz d'échappement pour un moteur à combustion interne

Publication

**EP 2466103 A3 20151209 (DE)**

Application

**EP 11186703 A 20111026**

Priority

DE 102010055027 A 20101217

Abstract (en)

[origin: EP2466103A2] The exhaust gas recirculation module has two exhaust gas recirculation channels (12), two control valve bodies (18) and two exhaust cooling channels (56) with a coolant channel (34). The bypass valves (42) are arranged in a common exhaust gas recirculation housing (2), in which two separate exhaust gas recirculation channels are formed.

IPC 8 full level

**F02M 25/07** (2006.01)

CPC (source: EP)

**F02M 26/26** (2016.02); **F02M 26/38** (2016.02); **F02M 26/39** (2016.02); **F02M 26/32** (2016.02)

Citation (search report)

- [XY] FR 2890698 A1 20070316 - VALEO SYSTEMES THERMIQUES [FR]
- [Y] US 2004187486 A1 20040930 - IEDA JOAO JOSE CARDINALI [BR]
- [A] DE 102008033823 A1 20100128 - PIERBURG GMBH [DE]
- [A] WO 2007111926 A2 20071004 - BORGWARNER INC [US], et al

Cited by

DE102016200326A1; DE102016200371A1; DE102016200371B4

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2466103 A2 20120620**; **EP 2466103 A3 20151209**; **EP 2466103 B1 20171206**; DE 102010055027 A1 20120621

DOCDB simple family (application)

**EP 11186703 A 20111026**; DE 102010055027 A 20101217