

Title (en)

Exhaust gas recirculating device for a combustion engine

Title (de)

Vorrichtung zur Abgasrückführung für einen Verbrennungsmotor

Title (fr)

Dispositif de recirculation de gaz d'échappement pour un moteur à combustion

Publication

EP 0916837 B2 20111026 (DE)

Application

EP 98119748 A 19981022

Priority

DE 19750588 A 19971117

Abstract (en)

[origin: EP0916837A2] The exhaust gas return device has an exhaust gas cooler (10) and a valve (11) which sets the amount of the returned exhaust gas. The valve can be adjusted by a setting element (13). The exhaust gas cooler and the valve are connected directly to each other to form one structural unit. The setting element is fitted to a component (23) which is in heat conducting contact with the exhaust gas cooler or to a component which has one or more channels for liquid coolant.

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/12** (2016.01); **F02M 26/32** (2016.01); **F02M 26/53** (2016.01)

CPC (source: EP US)

F02M 26/12 (2016.02 - EP US); **F02M 26/32** (2016.02 - EP US); **F02M 26/53** (2016.02 - EP US)

Citation (opposition)

Opponent :

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- DE 29611034 U1 19971016 - HOHENBERGER RALPH [DE]
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- JP H05256217 A 19931005
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- JP H0814114 A 19960116 - UNISIA JECS CORP
- JP H0979094 A 19970325 - UNISIA JECS CORP
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DOCDB simple family (application)

EP 98119748 A 19981022; DE 19750588 A 19971117; DE 59803324 T 19981022; US 19258898 A 19981117