

Title (en)
EXHAUST GAS RECIRCULATION SYSTEM

Title (de)
ABGASRÜCKFÜHRUNGSSYSTEM

Title (fr)
SYSTEME DE RECYCLAGE DE GAZ D'ECHAPPEMENT

Publication
EP 1212529 A1 20020612 (EN)

Application
EP 00962660 A 20000914

Priority
• GB 0003530 W 20000914
• GB 9921819 A 19990916

Abstract (en)
[origin: WO0120156A1] An exhaust gas recirculation system for an internal combustion engine has a housing (10) with an exhaust gas flow passage therein. The housing (10) is adapted to be mounted directly on the internal combustion engine. An adjustable flow control valve member (40) is mounted in a chamber (20) in the housing (10) for controlling the flow of exhaust gas through the flow passage. An exhaust gas heat exchanger (42) is mounted in a chamber (16) in the housing (10) so that, in use, the exhaust gas being recirculated flows through the heat exchanger (42). A coolant flow passage is provided for passing coolant through the heat exchanger (42) to cool exhaust gas flowing therethrough in use. Exhaust gas inlet and outlet connections (68 and 26) communicate with the exhaust gas flow passage in the housing (10) and are connectable, respectively, to an exhaust gas system and a combustion air inlet system of the internal combustion engine.

IPC 1-7
F02M 25/07

IPC 8 full level
F02M 25/07 (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP KR)
F02M 26/30 (2016.02 - EP KR); **F02M 26/32** (2016.02 - EP KR); **F02M 26/54** (2016.02 - EP KR); **F02M 26/67** (2016.02 - EP KR); **F02M 26/74** (2016.02 - KR); **F28F 27/02** (2013.01 - EP KR); **F02M 26/74** (2016.02 - EP); **F28F 2250/06** (2013.01 - EP KR)

Citation (search report)
See references of WO 0120156A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
WO 0120156 A1 20010322; EP 1212529 A1 20020612; GB 9921819 D0 19991117; KR 20020044142 A 20020614

DOCDB simple family (application)
GB 0003530 W 20000914; EP 00962660 A 20000914; GB 9921819 A 19990916; KR 20027003416 A 20020314