

Title (en)

EGR valve for a turbocharged diesel engine

Title (de)

AGR-Ventil für einen turbogeladenen Dieselmotor

Title (fr)

Souape de recirculation de gaz d'échappement pour un moteur diesel suralimenté par un turbocompresseur

Publication

EP 1435451 A2 20040707 (EN)

Application

EP 03104550 A 20031204

Priority

GB 0300059 A 20030103

Abstract (en)

An EGR valve for a turbocharged diesel engine has valve having a valve closure member (12) movable relative to a mating surface (14) for regulating the flow of EGR gases and a first actuator (16) for enabling the position of the valve closure member (12) to be varied continuously. A second actuator (18) is provided to close the valve fully regardless of the position of the first actuator (16), so as to enable the EGR flow to be reduced more rapidly than can be achieved by said first actuator alone.

IPC 1-7

F02M 25/07

IPC 8 full level

F02M 25/07 (2006.01)

CPC (source: EP)

F02M 26/55 (2016.02); **F02M 26/67** (2016.02); **F02M 26/70** (2016.02); **F02M 26/04** (2016.02); **F02M 26/40** (2016.02); **F02M 26/54** (2016.02)

Cited by

EP2053232A1; DE102008003177A1; EP2778485A1; US8127796B2; WO2009087019A1; US9182047B2; US9644757B2; US10443751B2

Designated contracting state (EPC)

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