

Title (en)
Exhaust gas recirculation system

Title (de)
Abgasrückführsystem

Title (fr)
Système de recirculation des gaz d'échappement

Publication
EP 2025910 B1 20091202 (DE)

Application
EP 07014901 A 20070730

Priority
EP 07014901 A 20070730

Abstract (en)
[origin: EP2025910A1] The system (10) has a cooler (12) with a housing (24) and a valve that comprises a rotatably operated valve element on an inflow side (20). An actuator (14) for the valve is attached to the cooler housing, and is connected with the valve by a lever (30) and connecting element i.e. coupling bar (32). A ball joint is provided between the lever and the connecting element, and the valve element is eccentrically provided with respect to a rotation axis in a direction. The valve element locks a valve seat around an entire circumference of the seat.

IPC 8 full level
F02M 25/07 (2006.01)

CPC (source: EP KR US)
F02M 26/26 (2016.02 - KR); **F02M 26/32** (2016.02 - EP KR US); **F02M 26/53** (2016.02 - KR); **F02M 26/55** (2016.02 - KR);
F02M 26/58 (2016.02 - EP KR US); **F02M 26/26** (2016.02 - EP US); **F02M 26/53** (2016.02 - EP US); **F02M 26/55** (2016.02 - EP US)

Cited by
EP2088307A3; EP2556239A4; EP2310658A4; DE112009004785T5; EP2895715B1

Designated contracting state (EPC)
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EP 2025910 A1 20090218; EP 2025910 B1 20091202; AT E450706 T1 20091215; CN 101358566 A 20090204; DE 502007002202 D1 20100114;
ES 2337192 T3 20100421; KR 101501772 B1 20150311; KR 20090013083 A 20090204; KR 20140103243 A 20140826; PT 2025910 E 20100223;
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