

Title (en)

Exhaust gas recirculation valve

Title (de)

Abgasrückführventil

Title (fr)

Soupape de remise en circulation de gaz d'échappement

Publication

EP 1247974 B1 20040428 (DE)

Application

EP 02005592 A 20020312

Priority

DE 10117413 A 20010406

Abstract (en)

[origin: EP1247974A1] The exhaust gas recirculation valve has an actuating section (1) and a valve section (2) with a valve seat (5) between an exhaust gas inlet and outlet. A shut-off component (6) is acted upon by a valve rod (7) operated by the actuating section. The actuating section is connected to the valve section gastight, and the valve rod side facing away from the valve shut-off component outside the bore is enclosed by an atmospherically aerated chamber (9). The chamber is connected to atmosphere by a check valve (10) which may be electrically operated.

IPC 1-7

F02M 25/07

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/53** (2016.01); **F02M 26/67** (2016.01)

CPC (source: EP)

F02M 26/53 (2016.02); **F02M 26/67** (2016.02); **F02M 26/50** (2016.02); **F02M 26/55** (2016.02); **F02M 26/74** (2016.02)

Cited by

FR3047271A1; EP3533981A1; IT201800003099A1; WO2021259485A1; US10900571B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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