

Title (en)
Exhaust gas recirculation valve

Title (de)
Abgasrückführventil

Title (fr)
Soupape de recirculation de gaz d'échappement

Publication
EP 0717185 B1 19980325 (DE)

Application
EP 95115121 A 19950926

Priority
DE 4441091 A 19941118

Abstract (en)
[origin: EP0717185A1] The valve controls the quantity of exhaust gases fed to the air intake of the i.c. engine, with the valve element (18) cooperating with the valve seat (16) adjusted via a setting drive (22). The actual quantity of recycled exhaust gases fed to the air intake is detected by a measuring device downstream of the valve element and supplied to an evaluation device controlling the setting drive. Pref. the measuring device uses a flow restriction (43) downstream of the valve with associated pressure sensors (40,41) on either side of it.

IPC 1-7
F02M 25/07

IPC 8 full level
F02M 25/07 (2006.01); **F02M 26/18** (2016.01); **F02M 26/21** (2016.01); **F02M 26/22** (2016.01); **F02M 26/47** (2016.01); **F02M 26/58** (2016.01); **F02M 26/68** (2016.01)

CPC (source: EP US)
F02M 26/18 (2016.02 - EP US); **F02M 26/21** (2016.02 - EP US); **F02M 26/22** (2016.02 - EP US); **F02M 26/47** (2016.02 - EP US); **F02M 26/58** (2016.02 - EP US); **F02M 26/68** (2016.02 - EP US); **F02M 26/48** (2016.02 - EP US); **F02M 26/72** (2016.02 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 4441091 A1 19960523; DE 59501699 D1 19980430; EP 0717185 A1 19960619; EP 0717185 B1 19980325; JP H08210197 A 19960820; US 5609143 A 19970311

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