

Title (en)
Exhaust gas recirculation valve

Title (de)
Steuerventil zur Abgasrückführung

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

Publication
EP 1072784 A3 20011010 (DE)

Application
EP 00115420 A 20000717

Priority
DE 19935483 A 19990728

Abstract (en)
[origin: EP1072784A2] The control valve is designed so that in the valve body (150) at least one pressure equalizing duct (161) is arranged, which connects the two chambers (168,170) with each other in the valve housing (102). The sides of the two valve elements (154,156) pointing in the two chambers are formed in such a manner so that the pressure forces (Fex1-4) caused by the pressure at the valve elements, which react in the movement direction of the valve body (150), at least are approximately the same value.

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); **F02M 26/68** (2016.01)

CPC (source: EP)
F02M 26/53 (2016.02); **F02M 26/67** (2016.02); **F02M 26/68** (2016.02)

Citation (search report)

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- [Y] DE 3828998 A1 19900308 - ZIKESCH GMBH C H [DE]
- [A] EP 0740064 A1 19961030 - PIERBURG AG [DE]
- [A] EP 0928892 A1 19990714 - RANCO INC [US]
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Designated contracting state (EPC)
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