

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]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01 29 January 1999 (1999-01-29)

Cited by  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1072784 A2 20010131; EP 1072784 A3 20011010; EP 1072784 B1 20030409**; DE 19935483 A1 20010201; DE 50001684 D1 20030515

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