

Title (en)  
Exhaust gas recirculation valve

Title (de)  
Abgasrückführventil

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

Publication  
**EP 2592258 B2 20171206 (DE)**

Application  
**EP 11188203 A 20111108**

Priority  
EP 11188203 A 20111108

Abstract (en)  
[origin: EP2592258A1] The exhaust gas recirculation valve (10) has a single valve element (12), through which the exhaust gas flow is blocked and the fresh air flow is throttled. An exhaust gas recirculation line (16) has a smaller flow cross section than a fresh-air line (18). The valve element is a pivoted flap. A pivot axis (14) of the valve element is arranged between the exhaust gas recirculation line and the fresh-air line.

IPC 8 full level  
**F02M 26/21** (2016.01); **F02D 9/10** (2006.01); **F02M 26/64** (2016.01); **F02M 26/71** (2016.01)

CPC (source: EP)  
**F02D 9/103** (2013.01); **F02M 26/21** (2016.02); **F02M 26/64** (2016.02); **F02M 26/71** (2016.02)

Citation (opposition)  
Opponent :

- DE 102007050255 A1 20090423 - DEUTZ AG [DE]
- AT 3762 U1 20000725 - AVL LIST GMBH [AT]
- DE 1830652 U 19610504 - MANN & HUMMEL FILTER [DE]
- EP 1170534 A2 20020109 - SIEMENS AUTOMOTIVE INC [CA]
- US 2009126351 A1 20090521 - SASAKI NORIYOSHI [JP]
- DE 10216537 B3 20040205 - VISTEON GLOBAL TECH INC [US]
- DE 2851180 A1 19800327 - TOYOTA MOTOR CO LTD

Cited by  
DE102015110984B4; US2018320640A1; DE102017004324A1; CN110546372A; CN108869111A; DE102015110984A1; US2018058341A1; US10934945B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2592258 A1 20130515; EP 2592258 B1 20140618; EP 2592258 B2 20171206;** ES 2499543 T3 20140929; ES 2499543 T5 20180530; PT 2592258 E 20140715

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**EP 11188203 A 20111108;** ES 11188203 T 20111108; PT 11188203 T 20111108