

Title (en)  
EGR VALVE COMPRISING A SUPPORT PLATE

Title (de)  
AGR-VENTIL MIT EINER TRÄGERPLATTE

Title (fr)  
VANNE EGR COMPORTANT UNE TOLE DE SUPPORT

Publication  
**EP 2342447 A1 20110713 (FR)**

Application  
**EP 09763827 A 20091007**

Priority  
• EP 2009007192 W 20091007  
• FR 0805682 A 20081014

Abstract (en)  
[origin: WO2010043328A1] Exhaust gas recirculation valve for an internal combustion engine, comprising: - a rotary actuator (1) designed to turn a pinion (9); - a valve subassembly (7) comprising an input wheel (8), a valve element (2) and a movement conversion device designed to convert the rotation of the input wheel (8) into a translational movement of the valve element (2); - a transmission wheel (11) meshing, on the one hand, with the pinion (9) and, on the other hand, with the input wheel (8). The valve further comprises a support plate (3) in which there are a first opening (14), in which the rotary actuator (1) is located, and a second opening (15) in which the valve subassembly (7) is located, a projecting shaft (13) being attached to the support plate (3), and the transmission wheel (11) being mounted for rotation on the projecting shaft (13).

IPC 8 full level  
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CPC (source: EP)  
**F02M 26/54** (2016.02); **F02M 26/67** (2016.02)

Citation (search report)  
See references of WO 2010043328A1

Cited by  
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