

Title (en)  
Control valve for an injector

Title (de)  
Steuerventil für einen Injektor

Title (fr)  
Soupape de contrôle pour un injecteur

Publication  
**EP 1637727 A1 20060322 (DE)**

Application  
**EP 05106592 A 20050719**

Priority  
DE 102004044462 A 20040915

Abstract (en)  
The control valve (1) for a motor vehicle internal combustion engine fuel injector has an actuator (3) producing a reciprocation and a valve member (5) controlling a high pressure passage (4) which connects between a high pressure inlet (7) and outlet (8) via the control valve. The valve controls a valve nozzle needle or hydraulic pressure limiter. The valve member selectively controls the high pressure inlet and outlet.

IPC 8 full level  
**F02M 59/46** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)  
**F02M 47/027** (2013.01); **F02M 63/0026** (2013.01); **F02M 63/0045** (2013.01); **F02M 2200/703** (2013.01); **F02M 2200/708** (2013.01)

Citation (applicant)  
DE 10218904 A1 20021205 - BOSCH GMBH ROBERT [DE]

Citation (search report)  
• [PX] WO 2005010342 A1 20050203 - BOSCH GMBH ROBERT [DE], et al  
• [X] DE 19951004 A1 20010426 - BOSCH GMBH ROBERT [DE]  
• [DX] DE 10218904 A1 20021205 - BOSCH GMBH ROBERT [DE]  
• [X] US 6240905 B1 20010605 - BOECKING FRIEDRICH [DE]  
• [E] WO 2005075811 A1 20050818 - BOSCH GMBH ROBERT [DE], et al  
• [E] WO 2005068820 A1 20050728 - BOSCH GMBH ROBERT [DE], et al

Cited by  
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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
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