

Title (en)  
FUEL INJECTOR HAVING LOW WEAR

Title (de)  
KRAFTSTOFFINJEKTOR MIT GERINGEM VERSCHLEISS

Title (fr)  
INJECTEUR DE CARBURANT À FAIBLE NIVEAU D'USURE

Publication  
**EP 2156047 B1 20140716 (DE)**

Application  
**EP 08759582 A 20080514**

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Abstract (en)  
[origin: WO2008145515A1] The invention relates to a fuel injector (132) for injecting fuel into a combustion chamber of an internal combustion machine. The fuel injector (132) comprises an injection valve member (140), a nozzle chamber (144) connected to a high-pressure inlet (150), and a control chamber (156) controlling a lift movement of the injection valve member (140). The pressure in the control chamber (156) can be switched by an actuator-controlled valve (162). An additional vibration damping bore (168) is provided between two point connected to the high-pressure inlet (150). Said bore comprises a damping channel (170) extending in the injector housing (134) substantially parallel to the injector axis (142).

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Citation (examination)  
• WO 02090753 A1 20021114 - BOSCH GMBH ROBERT [DE], et al  
• WO 0246601 A1 20020613 - BOSCH GMBH ROBERT [DE], et al  
• WO 0246602 A1 20020613 - BOSCH GMBH ROBERT [DE], et al  
• DE 102004007342 A1 20050901 - BOSCH GMBH ROBERT [DE]  
• WO 02090755 A1 20021114 - BOSCH GMBH ROBERT [DE], et al

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