

Title (en)  
GAS INJECTOR

Title (de)  
GASEINSPRITZVENTIL

Title (fr)  
INJECTEUR DE GAZ

Publication  
**EP 1805410 A1 20070711 (EN)**

Application  
**EP 05784538 A 20050923**

Priority  
• AU 2005001453 W 20050923  
• AU 2004905505 A 20040924

Abstract (en)  
[origin: WO2006032098A1] A gas injector (10) has a valve assembly (12) and a solenoid actuator (14). The valve assembly (14) includes a spherical valve element (26) which locates against a valve seat (24). The valve element (26) is biased in a closed position by a spring (30), and can be disengage from the valve seat (24) by the action of a putrid (86) controlled by the solenoid actuator (14). The pushrod (86) acts in the same direction as gas flow between a gas inlet (20) and a gas outlet (22), and thus the spring (30) acts against gas pressure when in the valve assembly (12) is in the closed position.

IPC 8 full level  
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CPC (source: EP)  
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