

Title (en)  
HOLDING MEMBER FOR FUEL INJECTION VALVE

Title (de)  
HALTEELEMENT FÜR EIN BRENNSTOFFEINSPRITZVENTIL

Title (fr)  
SUPPORT POUR SOUPAPE D INJECTION DE CARBURANT

Publication  
**EP 1862667 A4 20110608 (EN)**

Application  
**EP 06729206 A 20060316**

Priority  

- JP 2006305209 W 20060316
- JP 2005083606 A 20050323
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Abstract (en)  
[origin: EP1862667A1] In a retaining member for fuel injection valve which retains in a throttle body (1) a fuel injection valve (10) having a fuel injection portion (11) at one end thereof inserted in a mounting hole (4) provided in a throttle body (1), and is formed by integrally molding a cap portion (21), a fuel joint portion (27) and a mounting boss portion (26) of a synthetic resin so that the fuel joint portion (27) to which a fuel supply pipe (33) is connected, and the mounting boss portion (26) which is connected to the throttle body (1) are integrally connected to the cap portion (21) which is liquid-tightly fitted on an outer periphery of a fuel inlet portion (12) at the other end of the fuel injection valve (10), the mounting boss portion (26) is connected to the cap portion (21) at a region which is away in an axial direction from a fitting surface (22) to the fuel inlet portion (12), on an inner periphery of the cap portion (21). Thus, during molding of a retaining member for a fuel injection valve, thermal shrinkage of the mounting boss portion does not influence the inner peripheral surface of the cap portion, and liquid tightness of a fitting portion of the fuel inlet portion of the fuel injection valve and the cap portion can be secured.

IPC 8 full level  
**F02M 55/02** (2006.01); **F02M 69/00** (2006.01)

CPC (source: BR EP)  
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Citation (search report)  

- [XD] JP 2000054937 A 20000222 - KEIHIN CORP
- See references of WO 2006100995A1

Cited by  
DE102015209650A1; CN102022220A; AU2015204374A1; AU2015204374B2; US9989025B2

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