

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 A1 20071205 (EN)**

Application  
**EP 06729206 A 20060316**

Priority  
• JP 2006305209 W 20060316  
• JP 2005083606 A 20050323  
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Abstract (en)  
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 61/14** (2006.01); **F02M 69/00** (2006.01); **F02M 69/04** (2006.01)

CPC (source: BR EP)  
**F02M 61/145** (2013.01 - BR EP); **F02M 69/044** (2013.01 - BR EP); **F02M 2200/03** (2013.01 - BR EP); **F02M 2200/16** (2013.01 - BR EP); **F02M 2200/855** (2013.01 - BR EP); **F02M 2200/856** (2013.01 - BR EP)

Cited by  
CN102022220A; DE102015209650A1; AU2015204374A1; AU2015204374B2; US9989025B2

Designated contracting state (EPC)  
DE ES GB IT

DOCDB simple family (publication)  
**EP 1862667 A1 20071205**; **EP 1862667 A4 20110608**; **EP 1862667 B1 20130710**; BR PI0607319 A2 20090901; BR PI0607319 B1 20200211; CN 102410120 A 20120411; CN 102410120 B 20141008; ES 2421918 T3 20130906; WO 2006100995 A1 20060928

DOCDB simple family (application)  
**EP 06729206 A 20060316**; BR PI0607319 A 20060316; CN 201110325259 A 20060316; ES 06729206 T 20060316; JP 2006305209 W 20060316