

Title (en)  
Device for injecting fuel

Title (de)  
Injektor zum Einspritzen von Kraftstoff

Title (fr)  
Injecteur destiné à la vaporisation de carburant

Publication  
**EP 1900932 A3 20091118 (DE)**

Application  
**EP 07112398 A 20070713**

Priority  
DE 102006042601 A 20060911

Abstract (en)  
[origin: EP1900932A2] The injector has an injecting valve unit locking or releasing an injection opening and controlled by an actuator-operated control valve. An actuator (5) has an actuator head (7), which acts on a coupler piston (9). A leveling disk (61) is arranged between the head and the piston for adjusting longitudinal tolerances. An extension (71) is formed at the head and accommodated in a recess in the disk. A bulge (85) is formed at the disk in such a manner that a distance dimension between the head and the piston is different from predetermined dimension during wrong position of the disk.

IPC 8 full level  
**F02M 51/06** (2006.01); **F02M 47/02** (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)  
**F02M 47/027** (2013.01); **F02M 61/168** (2013.01); **F02M 63/0026** (2013.01); **F02M 2200/703** (2013.01); **F02M 2200/8015** (2013.01)

Citation (search report)

- [XY] WO 2004027252 A1 20040401 - SIEMENS AG [DE], et al
- [E] EP 1865189 A2 20071212 - BOSCH GMBH ROBERT [DE]
- [E] WO 2008003347 A1 20080110 - SIEMENS AG [DE], et al
- [Y] EP 0816670 A1 19980107 - SIEMENS AUTOMOTIVE CORP LP [US]
- [AP] WO 2006134005 A1 20061221 - BOSCH GMBH ROBERT [DE], et al

Cited by  
EP2226490A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1900932 A2 20080319**; **EP 1900932 A3 20091118**; **EP 1900932 B1 20110330**; AT E503924 T1 20110415; DE 102006042601 A1 20080327; DE 502007006826 D1 20110512

DOCDB simple family (application)  
**EP 07112398 A 20070713**; AT 07112398 T 20070713; DE 102006042601 A 20060911; DE 502007006826 T 20070713