

Title (en)  
Actuator arrangement and injection valve

Title (de)  
Aktuatoranordnung und Einspritzventil

Title (fr)  
Agencement d'actionneur et soupape à injection

Publication  
**EP 2055927 A1 20090506 (EN)**

Application  
**EP 07021324 A 20071031**

Priority  
EP 07021324 A 20071031

Abstract (en)  
Actuator arrangement (10), comprising a housing body (12) with a recess (14), and a solid state actuator unit (16) within the recess (14) with a longitudinal axis (A) comprising electric pins (18) being electrically coupable to a power supply, wherein the solid state actuator unit (16) comprises a first axial end area (22) designed to act as drive side and a second axial end area (24) facing a free volume (26) of the recess (14), wherein the free volume (26) is filled at least in part with a damping body (34).

IPC 8 full level  
**F02M 51/06** (2006.01)

CPC (source: EP)  
**F02M 51/0603** (2013.01); **F02M 2200/26** (2013.01); **F02M 2200/306** (2013.01); **F02M 2200/9015** (2013.01)

Citation (applicant)  
• US 6814314 B1 20041109 - RUEHLE WOLFGANG [DE], et al  
• US 4725002 A 19880216 - TRACHTE DIETRICH [BR]  
• WO 0240858 A1 20020523 - SIEMENS AG [DE], et al

Citation (search report)  
• [X] US 4725002 A 19880216 - TRACHTE DIETRICH [BR]  
• [X] US 6814314 B1 20041109 - RUEHLE WOLFGANG [DE], et al  
• [X] WO 0240858 A1 20020523 - SIEMENS AG [DE], et al  
• [X] WO 2006032557 A1 20060330 - BOSCH GMBH ROBERT [DE], et al  
• [X] EP 1647703 A1 20060419 - BOSCH GMBH ROBERT [DE]  
• [A] EP 1741922 A1 20070110 - BOSCH GMBH ROBERT [DE]

Cited by  
CN106407517A

Designated contracting state (EPC)  
DE FR IT

Designated extension state (EPC)  
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**EP 2055927 A1 20090506**; **EP 2055927 B1 20100526**; DE 602007006816 D1 20100708

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