

Title (en)
Actuator arrangement and injection valve

Title (de)
Aktuatoranordnung und Einspritzventil

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

Publication
EP 2078846 A1 20090715 (EN)

Application
EP 08000568 A 20080114

Priority
EP 08000568 A 20080114

Abstract (en)
Actuator arrangement (10), comprising a solid state actuator unit (12) with a longitudinal axis (A) comprising a solid state actuator (16), a connecting element (18) for connecting the solid state actuator (16) to a compensator unit (14), electric pins (20) being electrically coupable to a power supply, and a supporting element (22) being designed and arranged to at least partly take in the connecting element (18) and the electric pins (20). The solid state actuator unit (12) comprises a first axial end area (24) designed to act as drive side and a second axial end area (26) facing away from the first axial end area (24). The actuator arrangement (10) comprises the compensator unit (14) being arranged facing the second axial end area (26) of the solid state actuator unit (12) along the longitudinal axis (A) of the solid state actuator unit (12) and being in contact with the solid state actuator unit (12) via the connecting element (18).

IPC 8 full level
F02M 61/08 (2006.01); **F02M 51/00** (2006.01); **F02M 51/06** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
F02M 51/005 (2013.01); **F02M 51/0603** (2013.01); **F02M 61/167** (2013.01); **F02M 61/08** (2013.01); **F02M 2200/21** (2013.01)

Citation (applicant)
• DE 10310499 A1 20040923 - BOSCH GMBH ROBERT [DE]
• WO 03089781 A1 20031030 - SIEMENS AG [DE], et al

Citation (search report)
• [XY] DE 10310499 A1 20040923 - BOSCH GMBH ROBERT [DE]
• [Y] WO 03089781 A1 20031030 - SIEMENS AG [DE], et al
• [X] EP 1538331 A1 20050608 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)
DE FR IT

Designated extension state (EPC)
AL BA MK RS

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