

Title (en)
Actuator arrangement and injection valve

Title (de)
Aktuatoranordnung und Einspritzventil

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

Publication
EP 2075857 B1 20110323 (EN)

Application
EP 07025217 A 20071228

Priority
EP 07025217 A 20071228

Abstract (en)
[origin: EP2075857A1] Actuator arrangement (10), comprising a solid state actuator unit (12) with a longitudinal axis (A) comprising electric pins (20) being electrically coupable to a power supply and a piston (18), wherein 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), a 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 piston (18), and a damping element (16) being designed and arranged in-between the compensator unit (14) and the solid state actuator unit (12) facing the second axial end area (26) of the solid state actuator unit (12), the damping element (16) being preloaded by the compensator unit (14) and the solid state actuator unit (12).

IPC 8 full level
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CPC (source: EP)
F02M 51/0603 (2013.01); **F02M 61/167** (2013.01); **F02M 63/0026** (2013.01); **F02M 2200/306** (2013.01)

Cited by
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DE FR IT

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