

Title (en)

Actuator unit for an injection valve and injection valve

Title (de)

Aktuatoreinheit für ein Einspritzventil und Einspritzventil

Title (fr)

Unité d'actionneur pour soupape d'injection, et soupape d'injection

Publication

EP 2003327 A1 20081217 (EN)

Application

EP 07011598 A 20070613

Priority

EP 07011598 A 20070613

Abstract (en)

Actuator unit (14) for an injection valve (10), comprising a piezo actuator (16) with a longitudinal axis (A), the piezo actuator (16) having an electric pin (44) being electrically coupable to a power supply, a top cap (42) being a part of a piezo actuator housing (17), the piezo actuator (16) being arrangeable in the piezo actuator housing (17), and an adapter (47) with a supporting element (48) and terminal elements (49) being rigidly coupled to the supporting element (48), at least one of the terminal elements (49) being electrically coupled to the electric pin (44) of the piezo actuator (16) and at least one of the terminal elements (49) being electrically coupable to the power supply, wherein the adapter (47) is rigidly coupled to the top cap (42).

IPC 8 full level

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 61/168** (2013.01)

Citation (applicant)

- DE 102004063293 A1 20060713 - SIEMENS AG [DE]
- WO 03069152 A1 20030821 - SIEMENS AG [DE], et al
- DE 102005042759 A1 20060413 - DENSO CORP [JP]

Citation (search report)

- [X] DE 102004063293 A1 20060713 - SIEMENS AG [DE]
- [X] WO 03069152 A1 20030821 - SIEMENS AG [DE], et al
- [X] DE 102005042759 A1 20060413 - DENSO CORP [JP]
- [A] DE 10059177 A1 20020613 - SIEMENS AG [DE]

Cited by

EP2299101A1

Designated contracting state (EPC)

DE FR IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 2003327 A1 20081217

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