

Title (en)

Actuator Arrangement for use in a Fuel Injector

Title (de)

Aktuatoranordnung zur Verwendung mit einem Kraftstoffinjektor

Title (fr)

Agencement d'actionneur à utiliser dans un injecteur de carburant

Publication

**EP 2372139 A1 20111005 (EN)**

Application

**EP 10157760 A 20100325**

Priority

EP 10157760 A 20100325

Abstract (en)

The present invention relates an actuator arrangement for use in a fuel injector, comprising: a piezoelectric actuator having a body section, said body section having a first end piece and a second end piece; a sleeve which enshrouds at least part of the body section of the actuator; and at least one constrictive member, disposed externally with respect to the sleeve wherein the constrictive member applies a constrictive force to the sleeve to maintain a seal between the sleeve and the underlying body section of the actuator. The underlying body section comprises an alternation of smooth sections and rough sections; said rough sections comprising superficial markings.

IPC 8 full level

**F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

**F02M 51/0603** (2013.01); **F02M 61/168** (2013.01); **F02M 63/0026** (2013.01)

Citation (applicant)

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Citation (search report)

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DOCDB simple family (publication)

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