

Title (en)
Piezo-electric actuator module

Title (de)
Piezoelektrisches Aktormodul

Title (fr)
Module d'actionneur piézoélectrique

Publication
EP 2113652 B1 20110629 (DE)

Application
EP 08105976 A 20081212

Priority
DE 102008001525 A 20080502

Abstract (en)
[origin: EP2113652A1] The piezoelectric actuator module (2) has an actuator body (10) and adapter pieces (11,12) attached to the actuator body. A shrinkable tubing (13) is provided, which encloses the actuator body. An internal protective layer (16) is formed in a gap between the actuator body and the shrinkable tubing. A metallic coating is provided at side surfaces (18,19) of the shrinkable tubing. The internal protective layer is formed on the basis of an elastomer. An independent claim is included for a fuel injection valve with a valve closing body.

IPC 8 full level
F02M 51/06 (2006.01)

CPC (source: EP)
F02M 51/0603 (2013.01); **F02M 63/0026** (2013.01); **F02M 63/0057** (2013.01); **F02M 2200/21** (2013.01)

Cited by
JP2014504010A; WO2012079988A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
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