

Title (en)

Electromagnetic actuator module and injection valve

Title (de)

Elektromagnetisches Aktormodul und Einspritzventil

Title (fr)

Module actionneur électromagnétique et soupape d'injection

Publication

EP 2461012 B1 20141022 (DE)

Application

EP 11186281 A 20111024

Priority

DE 102010062388 A 20101203

Abstract (en)

[origin: EP2461012A1] The module (2) has a stator (17) arranged between active and passive membranes (15, 16), where the passive membrane is indirectly supported at housing parts (3, 5). An outer side (22) of the passive membrane is coated with an amorphous layer (24), where a through-hole (25) is approximately arranged in middle of the outer side of the passive membrane. A flexible and/or movable electrical supply line (26) for a winding (18) is guided to the stator via the through-hole. Cooling channels (43, 44) are provided in one of the housing parts. An independent claim is also included for a method for operating an electromagnetic actuator module and/or an injection valve.

IPC 8 full level

F02M 51/06 (2006.01); **F02M 63/06** (2006.01)

CPC (source: EP)

F02M 51/061 (2013.01); **F02M 63/06** (2013.01)

Cited by

EP3311663A1; DE102016119688A1

Designated contracting state (EPC)

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