

Title (en)

ACTUATING DRIVE FOR OPERATING AN INJECTION VALVE, AND INJECTION VALVE

Title (de)

STELLANTRIEB ZUR BETÄTIGUNG EINES EINSPRITZVENTILS UND EINSPRITZVENTIL

Title (fr)

MÉCANISME DE COMMANDE D'INJECTEUR ET INJECTEUR

Publication

EP 3036429 A1 20160629 (DE)

Application

EP 14766915 A 20140821

Priority

- DE 102013216836 A 20130823
- EP 2014067800 W 20140821

Abstract (en)

[origin: WO2015024989A1] The actuating drive (20) for operating an injection valve (10) comprises a sleeve-like actuator housing (30) with an actuator unit accommodated therein, at least one actuator feed line projecting from said actuator unit out of an end-side opening in the actuator housing (30). The actuating drive (20) further has a connecting apparatus (42) with at least one connection contact which is electrically coupled to the at least one actuator feed line (36) and which can be electrically coupled to a system-side connection. The actuating drive (20) further has a housing unit (40) which is arranged at least along a periphery of the actuator housing (30) in an end-side casing surface section of the actuator housing (30) and which is designed to fix the connecting apparatus (42) in a prespecified position. The actuating drive (20) further comprises a cover (50) which closes a hollow space (52) which is formed in the housing unit (40), wherein the cover (50) is mechanically coupled to the housing unit (40). The actuating drive (20) comprises a first sealing element (54) which is arranged or formed between the housing unit (40) and the cover (50) in such a way that it prevents solid, liquid or gaseous media entering the hollow space (52).

IPC 8 full level

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CPC (source: EP US)

F02M 51/005 (2013.01 - EP US); **F02M 61/168** (2013.01 - EP US); **F02M 2200/9015** (2013.01 - EP US)

Citation (search report)

See references of WO 2015024989A1

Citation (examination)

EP 1628016 A1 20060222 - SIEMENS AG [DE]

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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