Title (en)

DRIVE DEVICE FOR AN INJECTION VALVE, AND INJECTION VALVE

Title (de)

ANTRIEBSVORRICHTUNG FÜR EIN EINSPRITZVENTIL UND EINSPRITZVENTIL

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR UNE SOUPAPE D'INJECTION ET SOUPAPE D'INJECTION

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Application

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Abstract (en)

[origin: WO2012022752A1] The invention relates to a drive device (50) for an injection valve (10) which has an actuator (22) which is configured for exerting a force along a first force action axis (L_1), a lever device (26) which is coupled mechanically to the actuator (22), an output element (32) which is coupled mechanically to the lever device (26) and which is configured for absorbing a force from the lever device (26) along a second force action axis (L_2), wherein the first force action axis (L_1) and the second force action axis (L_2) are arranged offset with respect to one another, and a transmission element (52) which is arranged between the actuator (22) and the lever device (26). The transmission element (52) is coupled to the actuator (22) in a first contact region (K_1) and to the lever device (26) in a second contact region (K_2). The first contact region (K_1) of the transmission element (52) is arranged in such a way that it is penetrated by the first force action axis (L_1). The second contact region (K_2) of the transmission element (52) is arranged in such a way that it is penetrated by the second force action axis (L_2). Furthermore, the invention relates to an injection valve (10) which has a drive device (50).

IPC 8 full level

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