

Title (en)

METHOD AND DEVICE FOR SETTING AN IDLE STROKE OF AN ACTUATING DRIVE OF AN INJECTION VALVE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINSTELLEN EINES LEERHUBS EINES STELLANTRIEBS EINES EINSPRITZVENTILS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR AJUSTER UNE COURSE À VIDE D'UN ENTRAÎNEMENT DE COMMANDE D'UNE SOUPAPE D'INJECTION

Publication

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Application

EP 11745977 A 20110818

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Abstract (en)

[origin: WO2012028464A1] The invention relates to a method and a device for setting an idle stroke (D) of an actuating drive (22) of an injection valve with regard to an actuating element (26) which can be actuated by the actuating drive (22). The actuating drive (22) is arranged in an injector body (14) and the actuating element (26) is arranged in an actuating-element housing (16) such that it can be moved in the direction of a longitudinal axis (A). An axial stressing force is applied to the injector body (14) and the actuating-element housing (16) in such a way that part of the injector body (14) or part of the actuating-element housing (16) which is arranged in the injector body (14) and the actuating-element housing (16) in a force flow path which is formed by the axial stressing force is deformed permanently, until a value (VAL_EL) of a representative electric variable which is determined directly or indirectly for the idle stroke (D) of the actuating drive (22) lies in a predefined value range. Furthermore, the invention relates to an injector assembly (10) for an injection valve, having an injector body (14) which has an injector-body recess (20), and having an actuating-element housing (16). The injector body (14) and/or the actuating-element housing (16) have/has a contact section (46) which is elevated in the axial direction.

IPC 8 full level

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Citation (search report)

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