Title (en)

LEVER DEVICE AND A FUEL INJECTION VALVE

Title (de)

HEBELVORRICHTUNG UND EINSPRITZVENTIL

Title (fr)

DISPOSITIF À LEVIER ET INJECTEUR

Publication

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Application

EP 12816266 A 20121219

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Abstract (en)

[origin: WO2013098155A1] The invention relates to a lever device (28) for a fuel injection valve, comprising a housing (12) with a housing recess (14), at least one lever element (30) arranged in said housing recess (14) and having a coupling section (34) coupled to a section (12a) of the housing (12), a drive element (26) arranged in said housing recess (14) and coupled to the at least one lever element (30) so as to act upon said at least one lever element in the direction of a force-action axis (A), and an output element (32) arranged in the housing recess (14) and coupled to the at least one lever element (30) such that said output element (32) may be moved in the force-action axis (A) direction by means of the at least one lever element (30). The coupling section (34) of the lever element (30) has at least one recess (36) by means of which at least two coupling section (34) contact surfaces (38) are formed, these being spaced apart from one another and resting against said housing (12) section (12a). The invention also relates to a fuel injection valve comprising a lever device (28) and a valve needle (20) that is coupled to, or that forms, the output element (32), wherein said drive element (26) and valve needle (20) are coupled together by means of said lever device (28).

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