

Title (en)
LEVER DEVICE AND A FUEL INJECTION VALVE

Title (de)
HEBELVORRICHTUNG UND EINSPRITZVENTIL

Title (fr)
DISPOSITIF DE LEVIER ET SOUPAPE D'INJECTION

Publication
EP 2798195 A1 20141105 (DE)

Application
EP 12813825 A 20121219

Priority
• DE 102011090196 A 20111230
• EP 2012076183 W 20121219

Abstract (en)
[origin: WO2013098161A1] 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), a drive element (26) arranged in the housing recess (14) and coupled to the at least one lever element (30) in order 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 said at least one lever element (30) such that this output element (32) may be moved in the force-action axis (A) direction by means of the at least one lever element (30). This at least one lever element (30) comprises a coupling section (34) that is designed or arranged in such a manner that said at least one lever element (30) is coupled to the housing (12), or to the output element (32), in a rotationally-fixed manner with respect to the force-action axis (A).

IPC 8 full level
F02M 61/10 (2006.01); **F02M 51/06** (2006.01); **F02M 61/16** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP US)
F02M 51/0603 (2013.01 - EP US); **F02M 61/10** (2013.01 - US); **F02M 61/168** (2013.01 - EP US); **F02M 63/0026** (2013.01 - EP US); **F02M 2200/702** (2013.01 - EP US)

Citation (search report)
See references of WO 2013098161A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013098161 A1 20130704; DE 102011090196 A1 20130704; EP 2798195 A1 20141105; EP 2798195 B1 20170111; US 2015028135 A1 20150129; US 9500169 B2 20161122

DOCDB simple family (application)
EP 2012076183 W 20121219; DE 102011090196 A 20111230; EP 12813825 A 20121219; US 201214369812 A 20121219