

Title (en)
Fuel injector

Title (de)
Kraftstoffinjektor

Title (fr)
Injecteur de carburant

Publication
EP 2218906 B1 20130220 (DE)

Application
EP 09180310 A 20091222

Priority
DE 102009000875 A 20090216

Abstract (en)
[origin: EP2218906A1] The injector has an actuator unit (1) for operating a control valve (2), and a hydraulic coupler unit (3) connected with the actuator unit by a setting piece (4). A valve piston (7) is pre-stressed against a closing element (6) of the control valve by a spring element (5). The hydraulic coupler unit comprises a coupler sleeve (8) that is pre-stressed against the setting piece by another spring element (9). The coupler sleeve limits a pressure chamber (10) with the valve piston and the setting piece, where the former spring element is designed as a coil spring.

IPC 8 full level
F02M 63/00 (2006.01)

CPC (source: EP)
F02M 63/0026 (2013.01); **F02M 2200/703** (2013.01)

Cited by
EP3035520A1; CN103189635A; WO2012059265A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2218906 A1 20100818; EP 2218906 B1 20130220; DE 102009000875 A1 20100819

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