

Title (en)

Fuel injection valve

Title (de)

Brennstoffeinspritzventil

Title (fr)

Soupape d'injection de carburant

Publication

EP 1593841 B1 20071017 (DE)

Application

EP 05101642 A 20050303

Priority

DE 102004021921 A 20040504

Abstract (en)

[origin: EP1593841A1] An actuator and a hydraulic coupler are arranged in a valve housing (1). The hydraulic coupler includes a cylinder in which an axially movable coupler is arranged with a coupler gap between the piston and the cylinder. An adjusting device (42) is attached within an adjusting channel (43) of the valve housing, and acts on the hydraulic coupler to set a predetermined coupler gap.

IPC 8 full level

F02M 51/06 (2006.01); **F02M 61/16** (2006.01); **F02M 61/08** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 51/0603 (2013.01); **F02M 61/167** (2013.01); **F02M 61/168** (2013.01); **F02M 61/08** (2013.01); **F02M 2200/703** (2013.01); **F02M 2200/9007** (2013.01)

Cited by

EP2003325A1; EP1865194A1; US2015014436A1; US9470198B2; EP1876349B1; WO2023247279A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1593841 A1 20051109; EP 1593841 B1 20071017; DE 102004021921 A1 20051201; DE 502005001701 D1 20071129

DOCDB simple family (application)

EP 05101642 A 20050303; DE 102004021921 A 20040504; DE 502005001701 T 20050303