

Title (en)
Fuel injection device

Title (de)
Kraftstoffeinspritzvorrichtung

Title (fr)
Dispositif d'injection de carburant

Publication
EP 1892409 B1 20101215 (DE)

Application
EP 07014372 A 20070721

Priority
DE 102006039263 A 20060822

Abstract (en)
[origin: EP1892409A2] The device has a high pressure area (36) of a pressure amplifier (28) connected permanently with a leakage line (42) over a return valve (56), and an amplifier area (32) of the amplifier connected with a 3/ 2 port valve (40), which connects the amplifier area with a pressure storage area (24) or the line. Another 3/ 2 port valve (44) provided in a connection line (38) between the area (24) and a pressure chamber (16), connects the chamber alternatively with the area (24) or the leakage line. Buffer storage (54) and a pressure control valve (52) are arranged in the leakage line. An independent claim is also included for a procedure for the operation of a fuel injecting device.

IPC 8 full level
F02M 55/00 (2006.01); **F02M 63/00** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)
F02M 47/02 (2013.01); **F02M 55/02** (2013.01); **F02M 57/025** (2013.01); **F02M 61/10** (2013.01); **F02M 63/0007** (2013.01); **F02M 2200/315** (2013.01); **F02M 2200/40** (2013.01)

Cited by
DE102014210779A1; US11459990B2; WO2019243020A1

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EP 1892409 A2 20080227; **EP 1892409 A3 20090527**; **EP 1892409 B1 20101215**; AT E491883 T1 20110115; DE 102006039263 A1 20080306; DE 502007005929 D1 20110127

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