

Title (en)

Device for injecting fuel

Title (de)

Injektor zum Einspritzen von Kraftstoff

Title (fr)

Injecteur destiné à la vaporisation de carburant

Publication

EP 1947322 B1 20110223 (DE)

Application

EP 07122721 A 20071210

Priority

DE 102007002278 A 20070116

Abstract (en)

[origin: EP1947322A2] The injector (1) has a hydraulic coupler (39) comprising a translator piston (37), which is guided into a guide in a coupler housing. The piston is limited by a front surface of a coupler area (53), which is limited at a side of a valve piston (33) that acts at a control valve (23). The valve piston is formed in an area with a diameter and in another area with another diameter, where one of the diameters is smaller than another diameter. The valve piston is enclosed in one of the areas by a ring unit, which is movable relative to the valve piston.

IPC 8 full level

F02M 47/02 (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 63/0026** (2013.01); **F02M 63/0031** (2013.01); **F02M 2200/703** (2013.01)

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