

Title (en)

PUMP, PARTICULARLY HIGH-PRESSURE FUEL PUMP

Title (de)

PUMPE, INSBESONDERE KRAFTSTOFFHOCHDRUCKPUMPE

Title (fr)

POMPE, NOTAMMENT POMPE DE CARBURANT À HAUTE PRESSION

Publication

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Application

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Priority

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Abstract (en)

[origin: US2011200463A1] The invention relates to a pump, particularly a high-pressure fuel pump, having a housing, a drive shaft that is rotationally driven and has at least one drive section, and at least one pump piston, which is guided in a cylinder bore of a housing part of the pump in a sealed manner and which is driven by the drive section of the drive shaft at least indirectly in a lifting motion. The at least one pump piston is acted on by a spring element at least indirectly toward the drive section of the drive shaft. The spring element is disposed on the side of the drive shaft opposite the pump piston, and via a coupling device extending past the drive shaft it engages at least indirectly on the pump piston.

IPC 8 full level

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