

Title (en)

Fluid pump, in particular high pressure fuel pump for injection systems in combustion engines

Title (de)

Fluidpumpe, insbesondere Hochdruck-Kraftstoffpumpe für Einspritzsysteme von Brennkraftmaschinen

Title (fr)

Pompe à fluide, en particulier pompe à carburant haute pression pour systèmes d'injection de moteurs à combustion interne

Publication

**EP 1906011 B1 20110518 (DE)**

Application

**EP 07116361 A 20070913**

Priority

DE 102006043187 A 20060914

Abstract (en)

[origin: EP1906011A2] The fluid pump has a pump piston (10a) with a pump piston base (30a), where a circlip is arranged partially in an outer circumference groove of the pump piston base and partially in an inner circumference groove of a sleeve-shaped supporting body (14a). The pump piston base has a widened base section, at which the outer circumference groove for the circlip is arranged, and another base section projecting over an end of the sleeve-shaped supporting body. The end of the sleeve-shaped supporting body rests on the other base section.

IPC 8 full level

**F04B 1/04** (2006.01)

CPC (source: EP)

**F04B 1/0408** (2013.01); **F04B 1/0426** (2013.01); **F04B 1/0439** (2013.01)

Cited by

CN103154512A; WO2012048961A1

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