

Title (en)
PISTON PUMP

Title (de)
KOLBENPUMPE

Title (fr)
POMPE À PISTON

Publication
EP 2035701 A1 20090318 (DE)

Application
EP 07729697 A 20070531

Priority
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Abstract (en)
[origin: WO2007147707A1] Disclosed is a piston pump, especially for supplying high-pressure fuel to a direct-injection internal combustion engine, comprising a pump housing (2) and a drive shaft (3a to 3i) for actuating one or several pump plungers (5) which are radially oriented relative to the drive shaft in the pump housing. The drive shaft is rotatably mounted on one or several bearing points (11, 31, 49) extending between a shaft inlet (15) of the pump housing and a rear housing wall (20) located opposite the shaft inlet. One bearing point (11) extends between an internal surface (17) of a hollow cylindrical section (10) of the drive shaft and an external surface (18) of a journal (19) that runs from the rear housing wall into the hollow cylindrical section.

IPC 8 full level
F04B 1/04 (2006.01); **F04B 1/053** (2006.01)

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F04B 1/0413 (2013.01 - EP US); **F04B 1/053** (2013.01 - EP US)

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