

Title (en)
A fuel injection pump

Title (de)
Kraftstoffeinspritzpumpe

Title (fr)
Pompe d'injection de carburant

Publication
EP 2719887 A1 20140416 (EN)

Application
EP 13188048 A 20131010

Priority
IN 4260CH2012 A 20121012

Abstract (en)
The present disclosure provides a fuel injection pump comprising a pump housing (101) having a fuel inlet port (102), a high pressure fuel discharge port (103), and a cylindrical bore (104) . A pump piston (106) is guided in the cylindrical bore of the pump housing. An inlet control valve (110) is mounted on the cylindrical bore of the pump housing; the inlet control valve is configured to control inlet flow of the fuel into the cylindrical bore. A piston drive arrangement is coupled to the pump piston (106) for regulating the movement of the pump piston. More particularly, the high pressure fuel discharge port of the pump housing is configured into more than one outlet connectors (111) for supplying fuel to injectors of an internal combustion engine; and a pressure sensor (109) provided in the high pressure fuel discharge port of the pump housing to detect pressure of fuel at the fuel discharge port.

IPC 8 full level
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Citation (search report)
• [XY] WO 2010082217 A1 20100722 - BOSCH LTD [IN], et al
• [X] DE 102009000965 A1 20100819 - BOSCH GMBH ROBERT [DE]
• [XY] WO 2011098320 A1 20110818 - BOSCH GMBH ROBERT [DE], et al
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