

Title (en)
Pump head for a fuel pump

Title (de)
Pumpenkopf für eine Brennstoffpumpe

Title (fr)
Tête de pompe pour pompe à carburant

Publication
EP 2557307 A1 20130213 (EN)

Application
EP 11176834 A 20110808

Priority
EP 11176834 A 20110808

Abstract (en)
A pump head for a fuel pump for use in a common rail fuel injection system is provided. The pump head (100; 200; 300) comprises a pump head housing (102; 202; 302), a pumping chamber (106; 206; 306) defined within the pump head housing (102; 202; 302), and an inlet valve arrangement (108; 208; 308) for controlling fuel flow into the pumping chamber (106; 206; 306), the inlet valve arrangement (108; 208; 308) including an inlet valve member (110; 210; 310) moveable between open and closed positions wherein, in use, movement of the inlet valve member (110; 210; 310) is damped by means of viscoelastic damping.

IPC 8 full level
F02M 59/46 (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)
F02M 59/464 (2013.01); **F02M 63/0265** (2013.01)

Citation (applicant)
WO 2010007409 A1 20100121 - DELPHI TECH INC [US], et al

Citation (search report)
• [XDA] WO 2010007409 A1 20100121 - DELPHI TECH INC [US], et al
• [XA] EP 2309115 A1 20110413 - KOGANEI SEIKI CO LTD [JP]
• [XA] WO 03038270 A1 20030508 - CT STUDI COMPONENTI PER VEICOL [IT], et al
• [XA] DE 102008041393 A1 20100225 - BOSCH GMBH ROBERT [DE]
• [XA] DE 102008018018 A1 20091015 - CONTINENTAL AUTOMOTIVE GMBH [DE]

Cited by
ITMI20130569A1; IT201700095355A1; EP3473844A1; GB2567638A; GB2567638B

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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