

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 3190288 A1 20170712 (EN)**

Application  
**EP 17151892 A 20110808**

Priority  
• EP 17151892 A 20110808  
• 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 (300) comprises a pump head housing (302), a pumping chamber (306) defined within the pump head housing (302), and an inlet valve arrangement (308) for controlling fuel flow into the pumping chamber (306), the inlet valve arrangement (308) including an inlet valve member (310) moveable between open and closed positions wherein, in use, movement of the inlet valve member (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)  
• [AD] WO 2010007409 A1 20100121 - DELPHI TECH INC [US], et al  
• [A] EP 2309115 A1 20110413 - KOGANEI SEIKI CO LTD [JP]  
• [A] WO 03038270 A1 20030508 - CT STUDI COMPONENTI PER VEICOL [IT], et al  
• [A] DE 102008041393 A1 20100225 - BOSCH GMBH ROBERT [DE]  
• [A] DE 102008018018 A1 20091015 - CONTINENTAL AUTOMOTIVE GMBH [DE]

Cited by  
IT201800020398A1; WO2020127933A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2557307 A1 20130213; EP 2557307 B1 20171206**; EP 3190288 A1 20170712; EP 3190288 B1 20181017

DOCDB simple family (application)  
**EP 11176834 A 20110808**; EP 17151892 A 20110808