

Title (en)
Pump head for fuel pump assembly

Title (de)
Pumpenkopf für eine Brennstoffpumpenanordnung

Title (fr)
Tête de pompe pour ensemble de pompe à carburant

Publication
EP 2184491 A1 20100512 (EN)

Application
EP 08168618 A 20081107

Priority
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Abstract (en)
A pump head for a fuel pump assembly is described. The pump head (120,120a) comprises a tappet (134) and a pump head main body (122). The tappet (134) has an internal volume and a tappet base (176). The tappet base (176) is adapted to be co-operable with an engine driven cam so as to, in use, impart drive to the tappet (134). The pump head main body (122) comprises an inlet means for admitting fuel at relatively low pressure and an outlet means for expelling pressurised fuel at relatively high pressure. The tappet (134) is adapted to reciprocate with respect to the pump head main body (122). The internal volume of the tappet (134) forms at least a part of a pump chamber (130) for pressurising fuel to be expelled through the outlet means.

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F02M 59/102 (2013.01); **F02M 59/462** (2013.01); **F02M 59/464** (2013.01); **F02M 63/027** (2013.01); **F04B 1/0421** (2013.01); **F04B 19/022** (2013.01)

Citation (applicant)
WO 2004104409 A1 20041202 - DELPHI TECH INC [US], et al

Citation (search report)
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• [AD] WO 2004104409 A1 20041202 - DELPHI TECH INC [US], et al
• [A] EP 1557559 A1 20050727 - BOSCH AUTOMOTIVE SYSTEMS CORP [JP]
• [A] US 6109894 A 20000829 - CHATELAIN MICHEL [FR]

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