

Title (en)
PUMP ASSEMBLY

Title (de)
PUMPENANORDNUNG

Title (fr)
ENSEMBLE DE POMPE

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Application
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Abstract (en)
[origin: WO2004104409A1] A pump assembly for use in delivering fuel to a common rail of an internal combustion engine, including a pumping plunger (28; 128) which is co-operable with an intermediate drive member in the form of a tappet (34). The tappet (34) is co-operable with an engine-drive cam (11), in use, so as to impart drive to the plunger (28; 128). A cam rider member (38) of generally tubular form has an inner surface which co-operates with the cam (11) and an outer surface which cooperates with the bucket tappet (34). A main pump housing (10) is provided with a radially extending opening (18a) within which is received, at a first end thereof, a separate pump head (20a) and, at a second end thereof, the tappet (34) so that the opening (18a) serves to guide axial movement of the tappet (34), in use. The separate pump head (20a) is provided with a plunger bore (26) which serves to guide movement of the plunger (28; 128) and within which is defined a pump chamber (30) in which fuel is pressurised as the plunger (28) is driven.

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Citation (search report)
See references of WO 2004104409A1

Cited by
EP2113653A1; EP2278163A1; WO2011009839A1

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