

Title (en)
FUEL PUMP

Title (de)
KRAFTSTOFFPUMPE

Title (fr)
POMPE À CARBURANT

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Abstract (en)
[origin: WO2016058736A1] The present invention relates to a fuel pump (1), at least comprising: a pump piston (2), a camshaft (4) which has at least one cam (6), a roller tappet which is arranged between the pump piston (2) and the cam (6) and has a tappet body (8) and a roller (9) which is held thereon rotatably, wherein the pump piston (2) and the tappet body (8) are movement-coupled with regard to movements in directions which are parallel to the piston longitudinal centre line (10), wherein the roller (9) is in contact with the cam (6), wherein a geometric reference line (20) which extends the piston longitudinal centre line (10) rectilinearly intersects the geometric rotational axis (11) of the roller (9), and wherein the tappet body (8) has a tappet body longitudinal centre line (13) which is parallel to the reference line (20). It is proposed for the advantageous development that the tappet body longitudinal centre line (13) runs at a lateral spacing (a) from the geometric reference line (20) in a projected view which is oriented parallel to the geometric rotational axis (11) of the roller (9).

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