Title (en)

PUMP, IN PARTICULAR A HIGH-PRESSURE FUEL PUMP

Title (de)

PUMPE, INSBESONDERE EINE KRAFTSTOFFHOCHDRUCKPUMPE

Title (fr)

POMPE, EN PARTICULIER UNE POMPE DE CARBURANT À HAUTE PRESSION

Publication

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Application

EP 14742485 A 20140717

Priority

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- EP 2014065390 W 20140717

Abstract (en)

[origin: WO2015028196A1] The invention relates to a pump, in particular a high-pressure fuel pump, having a housing part (10) in which a pump piston (14) is disposed movably in a cylindrical bore (12), which pump piston (14) delimits a pump working chamber (16) in the cylindrical bore (12). An inlet valve (26), by which the pump working chamber (16) can be connected to an intake (27), is disposed in the housing part (10). A metering device (80), by which the amount of conveying medium delivered to the pump working chamber (16) is variably adjustable, is provided in the intake (27). The intake (27) extends at least partially in a low-pressure module (70; 170) connected to the pump, and the metering device (80) is disposed on the low-pressure module (70). The housing part (10) has a hollow cylindrical projection (50) which adjoins the cylindrical bore (12) and in which the inlet valve (26) is disposed. The low-pressure module (70) is fitted onto the hollow cylindrical projection (50) of the housing part (10) and the intake extends from the metering device (80) to the inlet valve (26) through the hollow cylindrical projection (50).

IPC 8 full level

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CPC (source: EP)

F02M 59/44 (2013.01); **F02M 59/466** (2013.01); **F02M 59/485** (2013.01)

Citation (search report)

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