

Title (en)

PISTON PUMP, IN PARTICULAR HIGH-PRESSURE FULE INJECTION PUMP FOR A COMBUSTION ENGINE

Title (de)

KOLBENPUMPE, INSBESONDERE KRAFTSTOFF-HOCHDRUCKPUMPE FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

POMPEÀ PISTON, EN PARTICULIER UNE POMPE À INJECTION DE CARBURANT HAUTE PRESSION POUR UN MOTEUR À COMBUSTION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019015857A1] The invention relates to a piston pump (16), in particular high-pressure fuel pumps for an internal combustion engine, comprising a pump housing (26), a pump piston (28) and a conveying chamber (38) defined at least by the pump piston (28) and the pump housing (26). According to the invention, a seal (44) for sealing the conveying chamber (38) and a separate guide element (46) for guiding the pump piston (28) are arranged preferably between the pump piston (28) and the pump housing (26). The seal (44) is designed as a metal sleeve, preferably with a radially outwardly projecting web (45).

IPC 8 full level

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