

Title (en)
HIGH-PRESSURE FUEL PUMP

Title (de)
KRAFTSTOFF-HOCHDRUCKPUMPE

Title (fr)
POMPE À CARBURANT À HAUTE PRESSION

Publication
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Application
EP 20745158 A 20200722

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Abstract (en)
[origin: WO2021028169A1] The invention relates to a high-pressure fuel pump (28) comprises a pump housing (46), a receiving space (52) in the pump housing (46), a pressure pulsation damper (44) in the form of a diaphragm cell (56) having two diaphragms (58a, 58b), which pressure pulsation damper is arranged in the receiving space (52), and a holding device (62) for holding the diaphragm cell (56) in the receiving space (52). According to the invention, the holding device (62) comprises a connection portion (66), which is connected to the pump housing (46) rigidly both in the axial direction (70) and in the radial direction (72), in particular is fastened, both in the axial direction (70) and in the radial direction (72), to an inner lateral surface (92) that delimits the receiving space (52).

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