

Title (en)
HIGH-PRESSURE FUEL PUMP

Title (de)
KRAFTSTOFFHOCHDRUCKPUMPE

Title (fr)
POMPE À CARBURANT HAUTE PRESSION

Publication
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Application
EP 17722771 A 20170510

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Abstract (en)
[origin: WO2018007055A1] The invention relates to a high-pressure fuel pump (22) comprising a pump housing (52) and a cover element (54), which is connected to the pump housing (52) and has a wall (72), wherein a damping volume (66) is arranged between cover element (54) and pump housing (52), and the wall (72) has a reinforcement, which is formed in such a way that a resonant frequency of the cover element (54) lies above 9 kHz, preferably above 11 Hz, in particular above 12 kHz.s.

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