

Title (en)
HIGH PRESSURE PUMP WITH FILLER CAP

Title (de)
HOCHDRUCKPUMPE MIT EINFÜLLSTUTZEN

Title (fr)
POMPE A HAUTE PRESSION A BOUCHON DE REMPLISSAGE

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Application
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Abstract (en)
[origin: WO0075516A1] The invention concerns a pump for pumping a first liquid, called transferred liquid, comprising a main unit for pumping the transferred liquid actuated by an auxiliary unit pumping a second liquid, called working liquid. The auxiliary unit comprises a neck (80) for filling a tank (58) with working liquid, said neck (80) capable of being closed by a cap (82) provided with a sealing surface (90) designed to co-operate with a seat (92) for closing the neck (80). Said neck (80) is adapted to contain the overflow (N) of the working liquid. The cap (82) is mobile in the neck (80), when there is overflow, between a pre-closure position, wherein the sealing surface (90) is spaced apart from the seat (92), above said seat (92), and a sealing position, wherein the sealing surface (90) is in sealed contact with the seat (92). The invention is applicable to a high pressure pump supplying a motor vehicle engine with fuel.

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