

Title (en)

PUMP DEVICE AND METHOD FOR CARRYING OUT A SERVICE IN A PUMP DEVICE

Title (de)

PUMPENVORRICHTUNG, VERFAHREN ZUR DURCHFÜHRUNG EINES SERVICE BEI EINER PUMPENVORRICHTUNG

Title (fr)

ENSEMBLE POMPE, PROCÉDÉ POUR EFFECTUER UNE OPÉRATION D'ENTRETIEN DE L'ENSEMBLE POMPE

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Application

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Abstract (en)

[origin: WO2023021117A1] The invention relates to a pump device (1) comprising a drive motor (10), pump hydraulics (30) and a motor lantern (20), which is arranged between the drive motor (10) and the pump hydraulics (30), and having an exchange set (40) which is arranged so that, in the event of a service, it can be guided through the motor lantern (20) from the operating position (P1) along the longitudinal axis (L) to a removal longitudinal position (P2) and can be removed from the removal longitudinal position (P2) through a removal opening (22) in the motor lantern (20), wherein a mechanical and/or hydraulic and/or pneumatic transport device (50) having a motor-operated and/or manual drive (54) is provided, wherein, in the event of a service, the exchange set (40) can be transported from the operating position (P1) to the removal longitudinal position (P2) by means of the transport device (50). In addition, the invention relates to a method for carrying out a service in a pump device (1), in which method a) a coupling member (21) is released; b) the exchange set (40) is moved from the operating position (P1) to a removal longitudinal position (P2) by means of a motor-driven and/or manually driven transport device (50); c) the exchange set (40) is guided through a removal opening (22) in the motor lantern (20) from the removal longitudinal position (P2) into a removal position (P3); and d) the exchange set (40) is removed.

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