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PUMP SYSTEM

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PUMPEN-SYSTEM

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SYSTÈME DE POMPAGE

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Abstract (en)
[origin: WO2012146662A2] The invention relates to a pump system comprising a positive-displacement pump module (2; 211; 226), preferably a screw pump, a drive module (207) which can be exchanged separately from the positive-displacement pump module (2; 211; 226), said drive module comprises an electric drive motor (3) and a frequency converter (4) associated therewith for controlling or adjusting a drive motor speed, control means (5) comprising a controller (6) for producing an adjustment variable (Ys) for the frequency converter (4) in accordance with a reference variable (W) and a first actual operational parameter (X) and logistic means associated with the controller (6), and reference variable defining means (8) for providing the reference variable (W) for the control means (5). According to the invention, the control means (5) are provided in a control module (202, 203) separately from the drive module (207), and the drive module (207) can be exchanged separately from the control module (202, 2033), and the drive module (207) does not have a designed and/or controlled controller for producing the adjustment variable (Ys).

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