

Title (en)
STATE DETECTION ON ECCENTRIC SCREW PUMPS

Title (de)
ZUSTANDSERFASSUNG AN EXZENTERSCHNECKENPUMPEN

Title (fr)
DÉTECTION D'ÉTAT SUR DES POMPES À VIS EXCENTRIQUE

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Application
EP 21722421 A 20210427

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Abstract (en)
[origin: WO2021219605A1] The invention relates to an eccentric screw pump having a stator (10) located in a pump housing; a rotor (20) located in the stator (20); a drive unit comprising a drive motor (40) and a drive shaft (30) which connects the drive motor to the rotor for transmitting a torque, wherein the rotor is guided in the stator so as to rotate about a rotating axle; and a state sensor (101) for detecting a state variable of the eccentric screw pump, wherein the state sensor is located on the rotor (20) or on the drive shaft (30) or is connected to the rotor or to the drive shaft by means of a signal line, and is spaced apart from the rotor or the drive shaft, for detecting a state variable on the rotor or on the drive shaft.

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