

Title (en)

ELECTRICAL PUMP DRIVE FOR A POSITIVE DISPLACEMENT PUMP, POSITIVE DISPLACEMENT PUMP AND METHOD THEREFOR

Title (de)

ELEKTRISCHER PUMPENANTRIEB FÜR EINE VERDRÄNGERPUMPE, VERDRÄNGERPUMPE UND VERFAHREN HIERZU

Title (fr)

ENTRAÎNEMENT DE POMPE ÉLECTRIQUE CONÇU POUR UNE POMPE VOLUMÉTRIQUE, POMPE VOLUMÉTRIQUE ET PROCÉDÉ CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2019063158A1] The invention relates to an electrical pump drive for positive displacement pumps having pistons moved in an oscillating manner. The electrical pump drive is characterised in that the electrical pump drive comprises a rotary magnet (3) which has at least one electromagnet (30; 30a, 30b) and an armature (32) which can swivel about an axis and which is pivotable alternately between two working points by means of excitation of the at least one electromagnet (30; 30a, 30b); wherein the armature (32) is configured for coupling to a piston (2) which is moved in an oscillating manner.

IPC 8 full level

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