

Title (en)

DRIVE DEVICE FOR AN OSCILLATING DISPLACEMENT MACHINE

Title (de)

ANTRIEBSVORRICHTUNG FÜR OSZILLIERENDE VERDRÄNGERMASCHINEN

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR UNE MACHINE DE REFOULEMENT OSCILLANTE

Publication

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Application

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Abstract (en)

[origin: WO2011018393A1] The present invention relates to a drive mechanism for oscillating positive-displacement machines, such as for example diaphragm pumps, having an eccentric shaft (2) and a multiplicity m of piston rods, wherein the piston rods are connected to the eccentric shaft in such a way that a rotation of the eccentric shaft generates an oscillating linear movement of the piston rods. In order to provide a corresponding drive mechanism which eliminates or at least reduces the described disadvantages, it is proposed according to the invention that the eccentric shaft and piston rods are connected to one another by means of a sliding-block guide.

IPC 8 full level

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