

Title (en)
RECIPROCATING PUMP AND USE OF SAID RECIPROCATING PUMP

Title (de)
KOLBENPUMPE UND VERWENDUNG EINER KOLBENPUMPE

Title (fr)
POMPE ALTERNATIVE ET SON UTILISATION

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Abstract (en)
[origin: WO2005026543A1] The invention relates to a reciprocating pump comprising a drive shaft (2) that is mounted in a housing (1) and that has a freely definable and in exceptional cases sinusoidal control curve (5). A transmission element (6) that is connected to a piston (4) penetrates the control curve (5). The transmission element (6) is guided in an elongated guide section (7) of the housing (1). The displacement directions of the piston (4) run parallel to the rotational axis of the drive shaft (2). Said reciprocating pump is extremely compact and is particularly suitable for use as a fuel pump in a motor vehicle.

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