

Title (en)

ROTARY PISTON PUMP WITH OPTIMISED INLET AND OUTLET

Title (de)

DREHKOLBENPUMPE MIT OPTIMISIERTEN EIN- UND AUSLÄSSEN

Title (fr)

POMPE À PISTONS ROTATIFS DOTÉE D'UNE ENTRÉE ET D'UNE SORTIE OPTIMISÉES

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Application

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Abstract (en)

[origin: WO2013163987A1] The present invention relates to a rotary piston pump for conveying fluids and for conveying fluids containing solid materials. The rotary piston pump consists of a pump housing which is provided with an inlet and an outlet. The pump housing has a lining. At least two rotary pistons rotating in opposite directions, which form piston spaces during the rotation thereof, are arranged in the pump housing, or inside the lining. During the rotary movement, the pistons are sealed against one another, against the pump housing and against the lining. In the pump housing and/or in the lining, means with which the pulsation can be reduced or even completely eliminated are arranged spatially close to the inlet and/or the outlet.

IPC 8 full level

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