

Title (en)  
ROTARY PISTON PUMP AND ROTARY PISTON

Title (de)  
DREHKOLBENPUMPE UND DREHKOLBEN

Title (fr)  
POMPE À PISTONS ROTATIFS ET PISTONS ROTATIFS

Publication  
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Application  
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Abstract (en)  
[origin: WO2012034985A2] The invention relates to a rotary piston pump (10) for conveying fluids, in particular liquids laden with solid matter, having a housing (45) and having at least one pair of intermeshing rotary pistons (1) arranged within the housing (45), wherein a rotary piston (1) has in each case at least one recess (13, 43) formed on the circumferential surface (5) thereof and/or at least one recess (41) formed on an end surface (7, 9). The invention relates in particular to a rotary piston pump in which at least one driver (15, 17, 39, 51) is arranged in the at least one recess (13, 41, 43) and is designed for collecting solid matter. The invention also relates to a rotary piston for a rotary piston pump (10) for conveying fluids, in particular liquids laden with solid matter, having at least one recess (13, 43) formed on the circumferential surface (5) thereof and/or at least one recess (41) formed on an end surface (7, 9).

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