

Title (en)
ROTARY PISTON PUMP

Title (de)
DREHKOLBENPUMPE

Title (fr)
POMPE À PISTONS ROTATIFS

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Application
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Abstract (en)
[origin: WO2011029847A2] The invention relates to a rotary piston pump for delivering a fluid medium comprising a solid, having two rotary pistons with rotary piston vanes engaging with each other, each having a rotary axis and an outer circumference, wherein the rotary axes of the two rotary pistons are disposed at a distance from each other and parallel to each other, and the outer circumferences of the two rotary pistons partially overlap each other, and a housing having an inlet opening and an outlet opening and an inner and an outer wall, wherein the inner wall of the housing encloses one segment each of the outer circumferences of the rotary pistons, and wherein the rotary piston pump is designed for delivering the medium in a delivery direction from the inlet to the outlet opening. According to the invention, the rotary piston pump is characterized in that the outlet opening at the inner wall of the housing comprises a maximum discharge opening greater than the distance between the rotary axes in a direction parallel to the plane of the rotary axes and perpendicular to the rotary axes.

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Cited by
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