

Title (en)
RADIAL PISTON PUMP

Title (de)
RADIALKOLBENPUMPE

Title (fr)
POMPE A PISTONS RADIAUX

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Application
EP 00975952 A 20001028

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Abstract (en)
[origin: WO0133077A1] The invention relates to a radial piston pump, comprising an inlet chamber with an inlet connection, an eccentric which may be driven in a rotating manner, arranged within the inlet chamber, for driving at least one piston of the radial piston pump, a cylinder bore for guiding the piston and an inlet controller, which opens and closes a connection between the inlet chamber and the cylinder bore, depending upon the piston position. The radial piston pump is characterised by at least one balancing element (24, 25) for the eccentric (17), which rotates synchronously with the eccentric (17) in the inlet chamber (20), whereby the balancing element (24, 25) is so formed and/or so arranged in the inlet chamber (20), that a hydraulic resistance is formed between the inlet connector (8') and the inlet controller (31), or the flow of medium at the inlet controller (31) is unaffected.

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