

Title (en)

ROTARY PISTON INTERNAL COMBUSTION ENGINE

Title (de)

DREHKOLBEN-BRENNKRAFTMASCHINE MIT INNERER VERBRENNUNG

Title (fr)

MOTEUR A COMBUSTION INTERNE A PISTON ROTATIF

Publication

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Application

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Abstract (en)

[origin: WO9742398A1] The invention concerns a rotary piston internal combustion engine comprising a substantially circular-cylindrical compression space (3) and a substantially circular-cylindrical working space (4), rotary pistons (7, 8), which can rotate together about an axis of the compression space (3) and the working space (4), being disposed in the compression space (3) and the working space (4). Disposed in the compression space (3) and working space (4) are slides (19) which are arranged so as to be movable in the radial direction in order to abut sealingly the surface of the respective rotary piston (7, 8). The periphery of the working space has a first exhaust aperture (26). Controllability is improved in that the working space has further exhaust apertures (27) which can be closed by exhaust valves (15) which can be closed and opened successively by means of an adjusting arrangement (17).

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