

Title (en)
A rotary internal combustion engine.

Title (de)
Rotationsbrennkraftmaschine.

Title (fr)
Moteur à combustion interne rotatif.

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Application
EP 86830194 A 19860708

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Abstract (en)
A rotary internal combustion or heat engine has a reciprocable double piston (3) moving in a cylinder (2). In one embodiment the cylinder (2) itself is rotatable and linked to an engine drive shaft (12) which turns at twice the speed of rotation of the cylinder. In another embodiment the cylinder (2) is fixed and the engine shaft (11) performs a planetary motion. The double piston (5) provides the working cycle and the variations in volume are obtained from the reciprocating motion of the piston within the cylinder (3) which is closed at both ends. Fuel induction takes place through centrally located ports (20,30) at a radially inner position and exhaust of the combustion products is effected at a radially outer position through exhaust ports (21,31).

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Cited by
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