

Title (en)
ROTARY PISTON MACHINE

Title (de)
ROTATIONSKOLBENMASCHINE

Title (fr)
MACHINE A PISTONS ROTATIFS

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EP 1885998 A1 20080213 (DE)

Application
EP 06742794 A 20060504

Priority
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Abstract (en)
[origin: WO2006128545A1] A rotary piston machine is described, having a housing (12), the interior of which is not cylindrical, and in which a first and at least one second piston (40, 46) are arranged which can circulate jointly in the housing (12) about a rotational axle (48) which is fixed to the housing, the first piston (40) having a first end face (52) and the at least one second piston (46) having a second end face (58) which faces the first end face, the end faces (52, 58) delimiting a working chamber (60), and the first and the at least one second piston (40, 46) performing opposite to-and-fro movements with respect to one another during circulation about the rotational axle (48), in order alternately to increase and to decrease the working chamber (60). The to-and-fro movements of the first and the at least one second piston are linear movements which are oriented obliquely or orthogonally with respect to the rotational axle (48).

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