

Title (en)
ROTARY PISTON MACHINE WITH A RING COUPLED TO A CRANK

Publication
EP 0184484 B1 19890322 (FR)

Application
EP 85402172 A 19851112

Priority
FR 8417307 A 19841113

Abstract (en)
[origin: ES8706906A1] A rotary piston machine with a chamber having a crank coaxial to a shaft, a rotary piston and a crown wheel for driving the piston. The crown wheel is coupled to the crank by a trunnion mounted in a bore of the crank. A fork joint is integral with the crown wheel. The bore axis is offset in the direction of rotation of the shaft with respect to the point of contact of the piston on the wall of the chamber. A spring bears on a shoe integral with the crown wheel and on the crank so that the line of force of the spring passes through the axis of the shaft and is perpendicular to the straight line connecting the center of the piston and the center of the trunnion.

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F04C 29/00

IPC 8 full level
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