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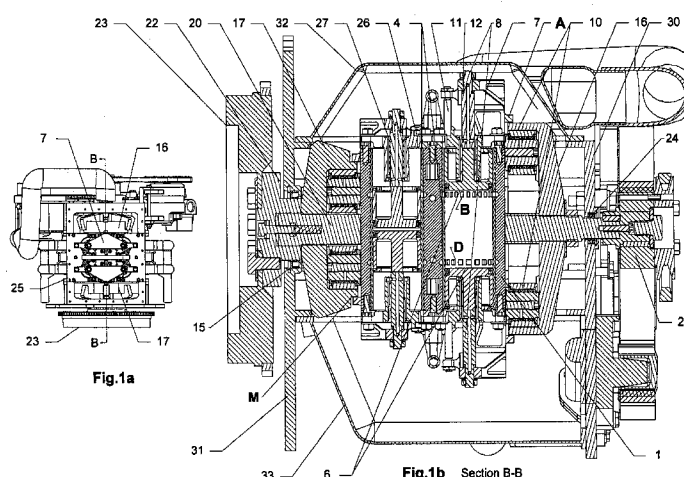
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(54) Title: OPPOSITE RADIAL ROTARY-PISTON ENGINE OF CHORONSKI



(57) Abstract: A two-stroke opposite radial rotary-piston engine is proposed, comprising a block including sleeves, pairs of pistons disposed within the sleeves and oppositely movable, guiding bearings, a power takeoff shaft, rotors mounted thereon having an inner surface formed by a closed curved line, the rotors' transverse axes are predeterminedly disposed. On the frontal part, the rotors have concaved surface portions along the curved line. T-like traverses are mounted, pair-wise spanning the pistons. The traverses include convex protrusions, cooperating with the concaved portions during the start of the engine. A clearance between the concaved and convex portions is provided after the start. The engine comprises support bearings, coupled to traverses. Support bearings include an external bushing, rolling over the inner surface of the rotor associated with the traverse, thereby impelling the rotor. Other elements and alternative module embodiments are added, enhancing the efficiency, size, weight, and power variety of the engine.