

A reciprocating engine-generator has a body, cylinders with rods, stators of generator arranged in the cylinders, armatures of the generator installed inside the stators with possibility of displacement along the axis of the last ones, inclined washers installed at the ends of the body of the engine in bearing nodes and kinematically connected to rods, and connected by coordination shaft for transformation of translational motion of the pistons to rotary motion of the balance shaft. The armature of the generator is installed on the rod, and the engine is equipped with holders connected to the rods and surrounding the inclined washers with support rings installed through slide bearings on inclined washers. The support rings have pins installed in radial positions in plane in parallel to the inclined washers, and the plane of arrangement of the pins is shifted with respect to the plane of the inclined washers along the axis of the balance shaft to the side of pistons with links installed at the ends of the rods, to the openings of those by means of pivots slides are build-in, those are in contact with the pins and can rotate with respect to the link, at that one of the bearing units of the inclined washer is installed in the body of the engine in intermediate bushing that can move along the axis of the engine.