

A rotor combustion engine has fixed stator with recess in center, there on bearing supports rotary shaft is installed, there rotor is placed. On generating cylindrical surfaces of stator and rotor sources of magnetic field are placed. In the rotor engine sources of magnetic field of stator are installed in fixed way on rotary with respect to own axes rotary beams that can be fixed in any required position and are placed with arbitrary and not necessary constant separation along generatrix of cylindrical surface of central recesses. Sources of magnetic field and installed in fixed way, with arbitrary and not necessary constant angle and separation on generating cylindrical surface in planes normal to its axis of rotation, with formation of arbitrary number of rows of sources of magnetic field of rotor. At that those rows are shifted one with respect to another by generating cylindrical surface of rotor by some angle  $\alpha$ , and number and placement of rows of sources of magnetic field of rotor corresponds to number and placement of sources of magnetic field installed in each rotary beam of stator. At that all the sources of magnetic field of stator and rotor are screened with bushing made of material that prevents propagation of magnetic fields, and rotary beams, stator and rotor are made of material not affected by effect of magnetic fields.