

A rotor engine has a second small pinion that is rigidly fixed on the first shaft, on hollow shaft of the first round cover of rotor second radial lever is rigidly fixed, at its end second shaft is installed, at the ends of that one at one side third small pinion is rigidly installed, and at the other side fourth small pinion is installed, diameters of those are equal to diameter of the first small pinion and the second small pinion, on continuous shaft second free wheel clutch is installed, and third large pinion. Diameter of the third large pinion is equal to diameter of fixed first large pinion and diameter of the second large pinion, third small pinion is in engagement with the third large pinion and the fourth small pinion is in engagement with fixed first large pinion, first free wheel clutch is installed on hollow shaft of the first round cover of rotor with possibility of rotation and fixation of the second large pinion, free wheel clutches are installed with possibility of transfer of torque in one direction. In the rim of the clutch on four axles installed at angle  $90^\circ$  four depressions and four lugs are provided, at the ends of the hub eight axles are installed, there with possibility of swinging eight levers are installed, those are spring-loaded with four springs, at the ends of the levers with possibility of rotation four rollers are installed with possibility of interaction with the inner surface of the rim, four depressions with four lugs of the rim, respectively, or on eight axles installed at angle  $45^\circ$  eight depressions and eight lugs are provided, at that at the ends of the hub sixteen axles are installed, on those with possibility of swinging sixteen levers are installed, those are spring-loaded with eight springs, at the ends of the levers with possibility of rotation eight rollers are installed, with possibility of interaction with the inner surface of the rim, eight depressions with eight lugs of the rim, respectively. Rotor engine has four small pinions that are made with diameter four times smaller than diameter of three large pinions, for the first working chambers in the first round cover of the body two inlet sector channels are provided, two inlet radial channels, two outlet sector channels and two discharge radial channels, and two spark plugs are installed, for the other working chambers in the second round cover of the body second inlet sector channel is provided, second inlet radial channel, second outlet sector channel and second outlet radial channel and second spark plug is installed.