

ABSTRACT OF THE DISCLOSURE

MOTOR

This specification discloses a motor provided with a rotor magnet (1) circumferentially divided into n , which are alternately magnetised to different poles, a coil (2) disposed axially of the rotor magnet (1), outer magnetic poles (18a, 18b) and inner magnetic poles excited by the coil (2) being opposed to the outer peripheral surface and inner peripheral surface, respectively, of the rotor (1), and holding means (21,22) for holding the rotor magnet at a position whereat the centers of the poles of the magnet deviate from a line linking the centers of the outer magnetic poles and the center of rotation of the magnet together when the outer magnetic poles and the inner magnetic poles are not excited, whereby the motor is made into a one-phase motor to thereby stabilise the initial positioning of the rotor and also, the motor is made high in output and super-compact.

Figure 1



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