

ABSTRACT OF THE DISCLOSURE

TITLE OF INVENTION: A STEPPING MOTOR

In the stepping motor, in which the stator core 4 is disposed outside the rotor 2 mounted on the rotation shaft, by the bearings 8, 9 mounted on the casings 10, the front and rear portion of the rotation shaft 1 are supported, and the casings 10, 11 are made of a press-molded metal plate.

The thin portions 10b, 11b of the casings 10, 11, which are in contact with the stator core 4 support one portion of the outer circumference of the stator core 4. Also, by the alternately folded portions 10c, 11c of the thin portions and the projections 10d, 11d the bearings 8, 9 are supported. Whereby, the thin portions 10b, 11b cover one portion of the stator core, so that dusts are prevented from being entered. Further, the folded portions 10c, 11c and the projections 10d, 11d enable the bearings 8, 9 to install and keep the correct posture.

Representative drawing: Fig. 1