

ABSTRACT

A voice coil motor (21) is set to a shaft (13) installed in a component holding head (6) to drive the shaft in an axial direction thereof, and also a detecting device is arranged to detect the movement of the shaft. The supply of power to the voice coil motor is controlled on the basis of a detection result of the detecting device, thereby controlling the movement of the shaft in the axial direction. The movement of the shaft in the axial direction is accordingly correctly known.