

PROCESSING APPARATUS

ABSTRACT OF THE DISCLOSURE

A processing apparatus includes a holding table for holding a workpiece, a cutting unit including a spindle and a mount, a blade changer unit for mounting a cutting blade on or dismounting a cutting blade from the mount, and a control unit. The blade changer unit includes a blade chuck for holding the cutting blade and a moving unit. The cutting unit includes a vibration detecting sensor. The control unit includes a calculator for calculating the central axis of the mount from a position where the vibration detecting sensor detects vibrations caused upon contact between the mount and the blade chuck, and a mounting/dismounting controller for aligning the central axis of the blade chuck with the central axis of the mount and mounting the cutting blade on and dismounting cutting blade from the mount.

[Fig. 1]