

ABSTRACT

A machining apparatus 1 includes a robot 10 including a first arm portion 13, a second arm portion 14, a tip portion 16, a second actuator 22 swinging the first arm portion 13 around a second axis Ax2, a third actuator 23 swinging the second arm portion 14 around a third axis Ax3, a seventh actuator 27 adjusting a distance between the second axis Ax2 and the third axis Ax3, and an end effector 17 provided to a tip portion 16 and applying machining to a workpiece W. The robot 10 is positioned such that a tip portion of the first arm portion 13 or a base end portion of the second arm portion 14 interferes with the workpiece W when the first arm portion 13 is rotated around the second axis Ax2, where the distance is made longest, in a state where the robot 10 exactly faces the workpiece W.

Fig. 1