

CUTTING APPARATUS

ABSTRACT OF THE DISCLOSURE

A cutting apparatus includes a cutting unit that has a spindle with an annular cutting blade mounted to a tip part of the spindle through a blade mount, and a determining unit. The determining unit has a second flow path that is connected to a first flow path in a mounter of the blade mount for causing a negative or positive pressure to act on the first flow path, a measuring device that obtains a measured value of at least one of a pressure and a flow rate in the second flow path, and a screw-engaged state determining section that determines that a screw-engaged state of a fixed nut with a boss section of the mounter where the cutting blade is disposed is defective in a case where the measured value when the negative or positive pressure acts on the first flow path indicates an abnormal value.

[Fig. 4]