

ABSTRACT

CUTTING METHOD FOR CUTTING PROCESSING-TARGET OBJECT AND CUTTING APPARATUS THAT CUTS PROCESSING-TARGET OBJECT

There is provided a cutting method for cutting a processing-target object by a cutting blade. The cutting method includes a holding step of holding the processing-target object by a holding table and a cutting step of cutting the processing-target object by the cutting blade by causing the cutting blade that rotates to cut into the processing-target object held by the holding table and causing the holding table and the cutting blade to relatively move after the holding step is carried out. In the cutting step, cutting is carried out with detection of whether or not a crack in the processing-target object exists by a crack detecting unit disposed on the rear side relative to the cutting blade in a cutting progression direction in which cutting processing of the processing-target object by the cutting blade progresses.

(Figure 4B)