

ABSTRACT

CUTTING APPARATUS AND GROOVE DETECTING METHOD

A cutting apparatus includes a cutting unit configured to cut a workpiece held on a chuck table, and a groove detecting unit including a CCD imaging element photographing the workpiece held on the chuck table. The groove detecting unit photographs, by the CCD imaging element, a laser-processed groove and a cut groove illuminated by an oblique illumination set such that a light amount of light in a direction parallel with an extending direction of the laser-processed groove as viewed in plan is higher than a light amount of light in a direction orthogonal to the extending direction of the laser-processed groove.

(Figure 6)