Abstract

A cutting apparatus (1) configured to, for an object to be cut (4) which includes a lead frame (41) having a second face (41b), form a groove in the second face (41b) includes: a cutting table (22); a light source (33) configured to emit light to the second face (41b) of the object to be cut (4) while the object to be cut (4) is on the cutting table (22); a blocking member (34) configured to block a portion of the light emitted from the light source (33); an imaging mechanism (31) configured to obtain a captured image of the second face (41b); a height adjusting mechanism (32) configured to adjust a height of the imaging mechanism (31); and a calculator (35) configured to analyze the captured image, the imaging mechanism (31) including: a lens (31b) configured to collect light onto the second face (41b); and an imager (31a) configured to obtain a captured image of the second face (41b), the imager (31a) being configured to obtain captured images at a plurality of heights, the calculator (35) being configured to calculate a heightwise position of the second face (41b) on a basis of a state of focus of the blocking member (34) in the captured images.

[Fig. 6]