

LASER PROCESSING METHOD AND LASER PROCESSING APPARATUS

ABSTRACT

A laser processing method includes a processing step of processing a workpiece by applying a pulsed laser beam to an upper surface of the workpiece, an image capturing step of capturing an image of the upper surface at a predetermined timing, thereby acquiring an image of an irradiated area of the upper surface, a detecting step of detecting at least either one of a size and a position of the irradiated area in the acquired image, and a calculating step of repeating the image capturing and the detecting steps in the processing step on a plurality of different areas performing the image capturing and the detecting steps in the processing step on each of plurality of the workpieces, and calculating a variation of at least either one of the size and the position detected in each of the detecting steps.

[Fig. 4]