

ABSTRACT

DETECTION METHOD OF TRANSMISSION LASER BEAM

A detection method of a transmission laser beam for irradiating a laser beam of a wavelength having a transparency to a plate-shaped workpiece having a first face and a second face opposite to the first face upon the workpiece from the first face side with a focal point of the laser beam positioned in the inside of the workpiece to detect laser beam which has passed through the workpiece to the second face side, includes a photosensitive sheet positioning step of holding the workpiece on a holding face of a chuck table with a photosensitive sheet, which has a photosensitive layer, interposed therebetween such that the photosensitive layer is opposed to the second face of the workpiece, a laser beam irradiation step of irradiating the laser beam from the first face side of the workpiece, and a confirmation step of confirming a state of transmission laser beam from a photosensitive reaction region formed in the photosensitive layer of the photosensitive sheet.

(Figure 5)