# LASER BEAM PROCESSING MACHINE

Abstract of the Disclosure

A laser beam processing machine comprising a chuck table for holding a workpiece, a laser beam application means for applying a laser beam to the workpiece held on the chuck table, a processing-feed means for moving the chuck table and the laser beam application means relative to each other in a processing-feed direction (X), and an indexing-feed means for moving the chuck table and the laser beam application means relative to each other in an indexing-feed direction (Y) perpendicular to the processing-feed direction (X), wherein the machine further comprises a processing-feed amount detection means for detecting a processing-feed amount; an indexing-feed amount detection means for detecting an indexing-feed amount; and a control means, which has a storage means for storing the X and Y coordinate values of a minute hole to be formed in the workpiece, and controls the laser beam application means based on the X and Y coordinate values of the minute hole stored in the storage means and detection signals from the processing-feed amount detection means and the indexing-feed amount detection means.

**Figure 1**