

GRINDING APPARATUS

ABSTRACT

A grinding apparatus includes a chuck table for holding a workpiece thereon, a table base supporting the chuck table, a grinding unit for grinding the workpiece held on the chuck table with a grinding wheel mounted on an end of a spindle, a load detecting unit for detecting a load applied from the grinding unit to the table base, a tilt adjustment unit supporting the table base thereon, for adjusting a tilt of the table base, a storage for storing a correlative relation between loads applied to the table base and changes in the tilt of the table base, and a controller for controlling the tilt adjustment unit based on the load detected by the load detecting unit and the correlative relation, to adjust the tilt so that change in the tilt of the table base that corresponds to the detected load is cancelled out.

[Fig. 3A]