ABSTRACT

GRINDING APPARATUS

A grinding apparatus includes a table that holds a workpiece, and a grinding unit including a grinding wheel mounted to a spindle. The grinding wheel has a grindstone formed by binding abrasive grains with a bonding agent. In addition, the grinding apparatus further includes: a supply unit that supplies grinding water to at least the grindstone when grinding the workpiece; and a light applying unit that is disposed adjacent to the table and that applies light to a grinding surface of the grindstone grinding the workpiece held by the table. The light applying unit includes a light emission section that emits light, and a diffusion preventive wall that surrounds the light emission section and prevents diffusion of the light.

(Figure 6B)