

GRINDING METHOD FOR PLATELIKE WORKPIECE

ABSTRACT

A platelike workpiece grinding method including a placing step of applying a photocurable resin to at least one of the front side of a support member and the front side of a platelike workpiece, the support member being formed of metal and having a thickness allowing the curvature of the support member by an external force, and next placing the workpiece on the support member through the photocurable resin, a fixing step of applying ultraviolet radiation through the workpiece to the photocurable resin to cure the photocurable resin, thereby fixing the workpiece through the photocurable resin to the support member, a thickness reducing step of holding the support member on a holding table and next grinding the back side of the workpiece to reduce the thickness of the workpiece to a predetermined thickness, and a removing step of softening the photocurable resin by applying heat or water in the condition where a ground surface of the workpiece is held on a table and next peeling the support member and the photocurable resin from the workpiece so as to curve the support member and the photocurable resin.

(Figure 6)