



ABSTRACT



A resin molding apparatus provides a molded article without a preforming of a powder-like resin material to a tablet shape, while
5 preventing the occurrence of voids. This molding apparatus comprises an upper mold, a lower mold having a cylinder, a heater for heating the upper and lower molds, a plunger slidable along an inner wall of the cylinder, a mold cavity formed between the upper and lower molds, a runner connecting between the mold cavity and an inside of the
10 cylinder into which the resin material is charged, and a gate member movable between a close position and an open position of the runner. At the close position, the charged resin material is pressed by a movement of the plunger while being indirectly heated by the heater, so that an air included in the powder-like resin material is exhausted
15 through a clearance between the plunger and the cylinder. At the open position, the resin material in a substantially melted state is pressed by the plunger, and supplied to the mold cavity through the runner.