

ABSTRACT OF THE DISCLOSURE

Title: DISC-MOLDING MOLD

Abstract: A disc-molding mold includes a first support plate disposed at the stationary side of the mold; a first mirror-surface disc attached to the first support plate; a first guide ring disposed radially outside the first mirror-surface disc and attached to the first support plate; a second support plate disposed at the movable side of the mold; a second mirror-surface disc attached to the second support plate; a second guide ring disposed radially outside the second mirror-surface disc and attached to the second support plate; a guide post attached to either the first or second guide ring and projecting toward the other guide ring; and a guide bush attached to the other guide ring and adapted to guide the guide post. The first and second guide rings each have a temperature control medium passage formed therein in order to allow passage of a temperature control medium. Thus, the thermal expansion of the first guide ring is made equal to that of the second guide ring.

Figure for Publication: FIG. 2