

ABSTRACT

MOLD FOR MOLDING, MOLDING METHOD, DISC SUBSTRATE, AND MOLDING MACHINE

An object of the present invention is to provide a mold for molding, a molding method, and a molding machine in which generation of burrs on a disc substrate can be prevented to thereby enhance quality of the disc substrate, as well as a disc substrate molded by the same. The mold for molding includes a mirror-surface disc (16); a stamper (29) having a hole formed at its center, and attached to the front end surface of the mirror-surface disc (16); and an inner holder (60) for holding the stamper (29) by means of press fit into the hole. In the course of the press fit, at least either the stamper (29) or the inner holder (60) is subjected to stress in excess of its yield point and plastically deformed. In this case, the inner holder (60) is press-fitted into the hole of the stamper (29) to thereby hold the stamper (29), thereby eliminating need to form a holding portion at the outer circumferential edge of the front end of the inner holder (60). Accordingly, an associated groove is not formed on the disc substrate. Thus, a print region on the disc substrate can be increased.