

MOLDING DIE SET AND RESIN MOLDING APPARATUS HAVING THE SAME

ABSTRACT

The molding die set (1) comprises: a first molding die (2) having a first molding chase (4), a cavity piece (5), which is supported by the first molding chase (4) and which constitutes a bottom part of a cavity, and a clamber (6), which is movably supported by the first molding chase (4) and which encloses the cavity piece (5) so as to form a cavity-concave section (6c); a second molding die (3) having a second molding chase (9), a work supporting section (14), which is biased and supported by the second molding chase (9) and on which a work (W) will be mounted, and a center insert (10), which is located adjacent to the work supporting section (14); and a pot (11) being provided to one of the first molding die (2) and the second molding die (3), the pot (11) feeding resin for molding the work (W). The second molding die (3) further has a thickness adjusting mechanism (16), which makes the work supporting section (14) absorb thickness variation of the work (W) and brings the work (W) into contact with the clamber (6) when the work (W) supported by the work supporting section (14) is clamped with the clamber (6) of the first molding die (2).

Figure 7A