

FOAM MOLDING DIE APPARATUS
ABSTRACT OF THE DISCLOSURE

A foam molding die apparatus integrally molds a top side member and a back side member via a foam member. This apparatus comprises a plurality of work piece nozzles. Of these nozzles, the nozzles for supplying heating steam is structured so that a cylindrical body of which a work piece flow passage having a vent hole incapable of passing raw material beads is formed at a tip end portion is mounted to a die via a heat buffering member. In addition, the above nozzles may be structured so that means for forming a vent hole incapable of passing raw material beads is disposed in a synthetic resin based pipe forming a work piece flow passage. The work piece nozzles are preferably disposed with intervals of at least 100 mm on the outer face of a die at a portion at which the thickness of a foam molder is less than 10 mm. With respect to a portion at which the thickness of the foam molder is 10 mm or more, these nozzles are preferably disposed with intervals of at least 150 mm.

Fig. 1