

ABSTRACT

APPARATUS FOR MANUFACTURE OF HEAT INSULATING CONTAINER

A manufacturing apparatus for manufacturing a heat insulating container (10) which has a container main body (10A) and a sleeve (10B) comprises a turn table (1013) having a plurality of mandrels (1014) each for holding the sleeve (10B), a winding mechanism (1030) for winding the sleeve (10B) on the mandrel (1014), a sleeve blank feeder (1020) for feeding the sleeve blank to the winding mechanism (1030), a plurality of curl processing devices (1070A, B, C) for forming the curl portion of the sleeve (10B), a sleeve feeder (2050) for feeding the sleeve (10B) to the alignment device (2060) for alignment between the sleeve (10B) and the cup main body (10A) fed by a plurality of holders (2100) provided on a turn table (2012), a curl processing device (2034) arranged along the turn table (2012) for forming the curled portion of each cup main body (10B), a rib processing device arranged along the turn table (2012) for forming a rib (62e or 62d) on the cup main body (10A), and an adhesive applying device (2040) arranged along the turn table (2012) for applying adhesive to the outer periphery of the cup main body (10A).

Figure 39