FUNNEL COMPONENT AND MANUFACTURING METHOD FOR MANUFACTURING PACKAGING CONTAINER USING FUNNEL COMPONENT

ABSTRACT

A funnel component and a manufacturing method for manufacturing a packaging container using the funnel component are provided.

The funnel component is manufactured by execution of the steps of: forming a first intermediate product that is tapered, by rolling the blank material; forming a second intermediate product by folding back and welding a narrow opening side portion of the first intermediate product; forming a third intermediate product having the side wall portion by folding the wide opening side portion of the second intermediate product back outward; forming a cylindrical discharge portion forming the narrow opening side portion, a first tapered portion that connects to the discharge portion and has a tapered shape, and a second tapered portion that has a tapered shape having a taper angle less than the first tapered portion, by performing a drawing process on the third intermediate product. ~~The packaging container is manufactured by execution of the steps of: forming a cup-shaped container body having a cylindrical side wall, a bottom portion, and an open end; and inserting the funnel component through the open end of the container body thereinto so as to face the wide opening side portion of the funnel component toward the bottom portion of the container body, and joining an outer surface of the side wall portion to an inner circumferential surface of the funnel component.~~

FIGURE 2