

## **ABSTRACT**

### **CONTINUOUS MULTILAYER MOLDING PROCESS FOR PLASTIC BOTTLES**

Disclosed is a continuous multilayer molding process for plastic bottles, including the following steps: (1) discharging of a parison; (2) initial sealing of the parison; (3) molding and filling of a bottle body; (4) sealing of a first bottle body; (5) sealing of the parison; (6) forming of a product chain; (7) positioning before mold closing; repeating the step (3) when a main mold fixture clamps and moves the product chain downward to a position corresponding to a mold closing position, opening the main mold fixture and moving up to a position corresponding to a previous product chain, and closing the main mold fixture; and repeating the steps (4) to (7) to form a cycle to realize continuous production of the plastic bottles. According to the present application, the production efficiency and productivity are improved.

FIG. 1