

DOUBLE-FACED ADHESIVE TAPE JOINING METHOD AND DOUBLE-FACED ADHESIVE TAPE JOINING APPARATUS

ABSTRACT OF THE DISCLOSURE

An original master tape formed by joining pieces of a double-faced adhesive tape in a substrate shape with a separator to a long carrier tape is guided to an edge knife to travel and be folded back at the edge knife. Accordingly, the piece of the double-faced adhesive tape cut into the substrate shape is separated from the carrier tape. The separated piece of the double-faced adhesive tape is joined to a substrate relatively moving at a speed synchronized to a separation speed. It is monitored whether or not the piece of the double-faced adhesive tape is in good joining condition to the substrate to which a joining process has been performed. When poor joining is detected, the piece of the double-faced adhesive tape is separated and removed from the substrate in poor joining condition, and a piece of the double-faced adhesive tape is again joined to the substrate from which the piece of the double-faced adhesive tape is already separated and removed.

Figure 12