

ABSTRACT

It is an object to provide an apparatus for manufacturing adhesive layers which can be manufactured in a manufacturing process which is fine, which exhibits an excellent mounting efficiency, which does not require a plating process and which is clean, double-sided substrates and multilayer substrates.

A bonding-layer forming portion (5) incorporates a bonding portion (1), a hole machining portion (2), a charging portion (3) and a separating portion (4). A double-sided-substrate forming portion incorporates a bonding portion (6), a hole machining portion (7), a charging portion (8) and a separating portion (9), further incorporating a laminating portion (10), a resin hardening portion (11) and a pattern forming portion (12). The apparatus for manufacturing the multilayer substrate has a multilayer laminating portion (13), a resin hardening portion, a resin hardening portion (14) and an outer-layer-pattern forming portion (15) to follow the bonding-layer forming portion (5) and the double-sided-substrate forming portion (16).