ABSTRACT

VACUUM GENERATING APPARATUS

A vacuum generating apparatus includes a pressure regulating valve for connecting to an air pressure source; a vacuum generator for generating a vacuum suction; a pressure release valve having an end connected to a suction-cup device; a mode switch for switching the vacuum generator between different operating modes; and a time pulse generator for generating a cyclic operating mode. The vacuum generating apparatus is movable for connecting the pressure regulating valve to an air pressure source to provide an air pressure to the vacuum generator for generating a vacuum suction, so that the suction-cup device connected to the pressure release valve may vacuum-suck and accordingly, transport the electronic elements at different positions in a manufacturing process.

Fig. 1