



ABSTRACT

METHOD AND APPARATUS FOR CLEANING SCREENS USED IN SCREEN
PRINTING MACHINE

The invention encompasses method and apparatus for cleaning screen used in screen printing machine for printing of solder paste onto a surface of a printed circuit board. The apparatus includes two upper and lower cleaning chambers 4, 5 which are provided on upper and lower sides of the screen 2 in opposed relationship with each other in such a manner that the two chambers are in watertight contact with the upper and lower surfaces 2A, 2B, of screen 2, respectively and are communicated with each other through openings 2C in the screen 2. The upper and lower cleaning chambers are essential components of the apparatus for carrying out cleaning the solder paste residue adhered to inner peripheral surfaces of the openings 2C in the screen 2 as well as the solder paste residue adhered to the upper and lower surfaces 2A, 2B from the screen 2. A wash liquid supply means is provided for supplying wash liquid into each of the chambers 4, 5 to wash away the past residues adhered to the screen 2.

Figure : 1