

Screen Printing Method

Abstract

It is possible to obtain a screen printing method that may assure excellent printing qualities since the screen printing method of the present invention includes: (A) sliding a squeegee head with paste stored in the squeegee head on a mask plate, while the paste is pressurized, and printing the paste on a substrate through pattern holes of the mask plate, (B) at least one step of (b) separating the squeegee head with the paste stored therein from the mask plate, and (c) sliding the squeegee head on the mask plate for a pre-squeezing purpose before the step (A). The step of separating the squeegee head from the mask plate includes the steps of (1) discontinuing the pressure application to the paste stored in the squeegee head, (2) horizontally moving the squeegee head by a predetermined distance while the bottom end portion of the squeegee head is abutted on the mask plate in a state of the pressure application being discontinued, and (3) moving the squeegee head upward off from the mask plate. In the step of pre-squeezing includes the steps of (1) pressurizing the paste stored in the squeegee head in a state of the squeegee head being abutted on the mask plate, and (2) horizontally moving the squeegee head while the bottom end portion of the squeegee head is abutted on the mask plate in a state of the paste being pressurized.

Fig. 4