ABSTRACT OF THE DISCLOSURE

METHOD OF TRANSFERRING CONDUCTIVE BALLS ONTO WORK PIECE

There is disclosed a method of transferring conductive balls 1 by means of suction head 26 without picking up errors and mounting errors. The suction head 26 with pores 26a is moved towards the conductive balls 1 in a case 18 and the vacuum pressure is applied to the pores 26a to suck and pick up the conductive balls 1b. During the suction head 26 is moved away from the case 18, the suction head 26 is vibrated by oscillators 29 at different frequencies changed within a predetermined frequency range, thereby dropping redundant conductive balls 1a from the suction head 26. Further, the suction head 26 is moved to a position above a work piece 17 and moved towards the work piece 17. The pores 26a are communicated with atmosphere to mount the conductive balls 1 onto the work piece 17. While the suction head 26 is away from the work piece 17, the suction head 26 is vibrated by oscillators 29 at different frequencies changed within a predetermined frequency range.

Figure 3.