

METHOD AND APPARATUS FOR ASSEMBLING ELECTRON GUN

ABSTRACT OF THE DISCLOSURE

A method and an apparatus for assembling an electron gun are disclosed which significantly prevent deviation between a first grid and a second grid occurring when a joining process is performed and detect deviation between the joined first grid and the second grid to inhibit introduction of a defective product into a following step. The apparatus includes a control unit which controls the operation of a first-grid locating mechanism in accordance with position data detected by a first-grid position data detection mechanism and position data detected by a second-grid position data detection mechanism to make coincide the positions of the first grid and the second grid to each other, after which the control unit controls the operation of the first-grid locating mechanism in accordance with deviation data detected by a deviation data detection mechanism to modify the deviation between the first grid and the second grid.

Figure 6