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METHOD OF MANUFACTURING ELECTION GUN FOR CATHODE
RAY TUBE AND CATHODE ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A method of manufacturing an electron gun having a cathode and a plurality of grids for a cathode ray tube, includes the steps of: assembling a first supporting member, a second supporting member, and a third supporting member in one piece by using an insulating material; affixing the first supporting member to a first grid; registering the first grid with the second supporting member; affixing the second supporting member to a spacer which defines a gap between the first grid and a second grid; registering the first grid with the third supporting member; and affixing the third supporting member to a cathode. The assembling step further includes affixing the second supporting member formed of a metal ring, the third supporting member formed of a metal cylinder and disposed inside the second supporting member, and the first supporting member formed of a pair of metal bars and disposed between the second supporting member and the third supporting member, to each other by hermetic sealing.

Figure 1

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