

METHOD OF MANUFACTURING A CATHODE-RAY TUBE

ABSTRACT OF THE DISCLOSURE

In a method of manufacturing a cathode-ray tube having an electron gun in which a voltage-dividing resistor is disposed, metal straps are disposed on the right and left of the electron gun. When metal deposited films for stabilizing a potential are formed on the inner wall of a neck portion of corresponding portions or the like by a radio-frequency heating means, metal deposited films of substantially the same thickness can be formed. In a cathode-ray tube in which a voltage-dividing resistor (9) is disposed on one glass bead (4) of a pair of glass beads (4) and (5) of an electron gun and metal straps (15) and (16) are disposed on a part of the glass beads (4) and (5) so as to include the voltage-dividing resistor (9), when metal deposited films for stabilizing a potential are formed on the inner wall of the neck portion, the surfaces of the glass beads and the surface of the voltage-dividing resistor by heating and evaporating the metal straps (15) and (16) by a radio-frequency induction heating means (26), the metal straps (15) and (16) are heated by the radio-frequency induction heating means (26) in which a metal plate (25) is disposed on the other glass bead (5) side at its portion opposing the metal strap (16).

Figure 9