

Title (en)

COLOR SELECTION ELECTRODE FOR COLOR DISPLAY TUBES

Title (de)

FARBWAHLELEKTRODE FÜR EINE FARBBILDRÖHRE

Title (fr)

ELECTRODE DE SELECTION DE COULEUR POUR TUBES CATHODIQUES DE VISUALISATION COULEUR

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Application

EP 99940179 A 19990804

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Abstract (en)

[origin: WO0011701A1] The invention relates to a color selection electrode (18) for use in a color cathode ray tube (1), in which the color selection electrode (18) comprises a frame (9) and a mask (20). The frame (9) comprises a pair of mutually opposed support bars (19), metal members (21) and a pair of resilient support members (22) attached between the support bars (19). The metal members (21) have a thermal expansion coefficient smaller than the resilient support members (22) and are connected to the resilient support members (22) on surfaces thereof facing the display screen (8). This construction prevents the mask (20) from being tensed beyond the elastic yield limited and from becoming permanently plastically deformed during further thermal processing of the cathode ray tube (1).

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