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ABSTRACT

RESISTIVE PRIMER COATING FOR A CATHODE-RAY TUBE

[0039] A cathode-ray tube comprising an evacuated envelope having an interior surface and an exterior surface is disclosed. The envelope includes a faceplate
5 having a luminescent screen on the interior surface thereof. An electron gun is disposed within a neck of the envelope for generating at least one electron beam that is directed toward the luminescent screen. A funnel connects the neck of the envelope with the faceplate. The cathode-ray tube is designed so that a deflection yoke can be disposed around the envelope at the junction of the neck and the funnel,
10 wherein the yoke can be attached to the envelope with an adhesive. A resistive primer coating is disposed on the envelope and forms a barrier between the adhesive and the envelope. The resistive primer coating is formed from an aqueous formulation comprising a copolymer of chloroprene and methacrylic acid, a conductive filler material and at least one cross-linking agent.

Fig. 1