

ABSTRACTCATHODE-RAY TUBE HAVING AN INTERNAL MAGNETIC SHIELD

A cathode-ray tube (10) has a faceplate panel (12) joined to a funnel (14) along a sidewall (16) of the panel, and an internal magnetic shield (42) disposed proximate an inner surface (22) of the funnel and connected along one end (44) thereof to a back portion (28) of a shadow-mask frame (30) oriented orthogonally to a central axis (2) of the tube and supported adjacent the sidewall. An apertured shadow mask (36) is connected along an edge (38) thereof to a front portion (40) of the shadow-mask frame opposite the back portion. Along the direction of the central axis, the one end of the magnetic shield overlaps the corresponding edge of the shadow mask around substantially all of the shadow-mask frame.

20

This Sheet Has Been Replaced

