

Title (en)

UNIFIED MAGNETIC SHIELDING OF TENSIONED MASK/FRAME ASSEMBLY AND INTERNAL MAGNETIC SHIELD

Title (de)

VEREINIGTE MAGNETISCHE ABSCHIRMUNG EINER GESPANNTEN MASKEN-/RAHMENBAUGRUPPE UND INTERNE MAGNETISCHE ABSCHIRMUNG

Title (fr)

ECRAN MAGNETIQUE UNIFIE D'UN ENSEMBLE CADRE DE MASQUE TENDU ET ECRAN MAGNETIQUE INTERNE

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Application

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Abstract (en)

[origin: WO2005119726A1] The present invention (Fig. 1) provides a cathode ray tube (CRT) (1), comprising a tensioned mask frame (20) for supporting a tension mask (10) inside the CRT at a cantilevered edge thereof, a tension mask mounted on the tension mask frame at the cantilevered edge; and an internal magnetic shield (50) mounted on the tension mask frame. At least one of the tension mask (30) and the internal magnetic shield (50) have an extension (55, 56) (Fig. 4) extending along the tensioned mask frame (20) to a point proximate or contacting the other of the tension mask (30) and the internal magnetic shield (50) to provide magnetic coupling between the tension mask and the internal magnetic shield independent of the tensioned mask frame.

IPC 8 full level

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