

Title (en)

Color picture tube having a box-like mask-reinforcing assembly.

Title (de)

Farbbildröhre mit dosenförmiger Verstärkungsstruktur einer Maske.

Title (fr)

Tube image couleur muni d'une structure de renforcement en forme de boîte pour un masque.

Publication

**EP 0654810 A1 19950524 (EN)**

Application

**EP 94117907 A 19941112**

Priority

IT MI932461 A 19931119

Abstract (en)

An improved color picture tube (8) includes an evacuated envelope (10) having a rectangular faceplate panel (12). The panel includes a viewing screen (22) on an inner surface thereof and a shadow mask (24) mounted therein. The shadow mask includes an apertured contoured portion (26) and a reinforcing structure (42) peripherally attached to the apertured portion. The reinforcing structure and a portion (30) of the mask form a box-like enclosure (43) around the periphery of the mask. The reinforcing structure is constructed of a material that has approximately the same thickness as does the material of the apertured contoured portion of the shadow mask. <IMAGE>

IPC 1-7

**H01J 29/07**

IPC 8 full level

**H01J 29/07** (2006.01); **H01J 29/02** (2006.01)

CPC (source: EP KR)

**H01J 29/073** (2013.01 - EP KR); **H01J 2229/0722** (2013.01 - EP); **H01J 2229/0772** (2013.01 - EP KR)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 5, no. 159 (E - 77)<831> 14 October 1981 (1981-10-14)

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EP0774771A1; WO2006054014A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 0654810 A1 19950524**; CN 1111392 A 19951108; IT 1265204 B1 19961031; IT MI932461 A0 19931119; IT MI932461 A1 19950519; JP H07192649 A 19950728; KR 950015501 A 19950617; TW 301757 B 19970401

DOCDB simple family (application)

**EP 94117907 A 19941112**; CN 94118408 A 19941118; IT MI932461 A 19931119; JP 32178494 A 19941118; KR 19940030002 A 19941116; TW 83108480 A 19940914