

Title (en)

Apparatus for mounting shadow mask in color picture tube.

Title (de)

Vorrichtung zum Montieren einer Schattenmaske in eine Farbbildröhre.

Title (fr)

Dispositif pour le montage d'un masque d'ombre dans une tube d'image couleur.

Publication

**EP 0503513 A1 19920916 (EN)**

Application

**EP 92103922 A 19920307**

Priority

KR 910003455 U 19910315

Abstract (en)

Apparatus for mounting a shadow mask 50 in a shadow mask type color picture tube. The mounting frame 60 is integrally formed with the shadow mask 50 and adapted for supporting the shadow mask 50. The mounting pieces 70 mount the shadow mask 50 with respect to an inner surface of a screen panel 10 of the color picture tube with provision of a predetermined space between the inner surface of the screen panel and the space between the inner surface of the screen panel and the shadow mask, each mounting piece 70 being attached to the mounting frame 60 and having a fixing hole 80. The panel pins 12 each engages with each fixing hole 80 of the mounting piece 70, the panel pins 12 being provided on an inner surface of a panel skirt 52 of the screen panel 10. The positioning pins 74 are attached to a mounting part of the mounting piece 70 at a position closely under the fixing hole 80 in order to contact with the panel pin 10 as the mounting part advances toward the screen panel, thereby causing the fixing hole 80 to be aligned with the panel pin 12 and inserted therein without advancing over a position of the panel pin 12. <IMAGE>

IPC 1-7

**H01J 9/14**; **H01J 29/07**

IPC 8 full level

**H01J 29/02** (2006.01); **H01J 29/07** (2006.01); **H01J 31/20** (2006.01)

CPC (source: EP KR)

**H01J 29/07** (2013.01 - KR); **H01J 29/073** (2013.01 - EP)

Citation (search report)

- [Y] EP 0355893 A1 19900228 - PHILIPS NV [NL]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 4, no. 162 (E-33)(644) 12 November 1980 & JP-A-55 109 344 ( TOKYO SHIBAURA DENKI K.K. ) 22 August 1980

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