

Title (en)

Correction of the distortion of an image intensifier electron tube

Title (de)

Korrektur von Bildfehlern einer Elektronstrahlbildverstärkerröhre

Title (fr)

Correction de distorsion d'un tube électronique intensificateur d'image

Publication

**EP 1906432 B1 20110427 (FR)**

Application

**EP 07116775 A 20070919**

Priority

FR 0608456 A 20060926

Abstract (en)

[origin: EP1906432A1] The tube has an input screen (4) for receiving primary rays e.g. X-rays and an output screen (5) emitting rays, based on the function of the primary rays. The input screen includes a photocathode (11) on its surface for emitting electron beams in a direction of the output screen based on the function of primary rays. The input screen has a test chart (20) formed of a set of points distributed on the input screen. The test chart includes secondary rays e.g. visible light, absorbing/reflecting layer for locally altering the electron beams.

IPC 8 full level

**H01J 31/50** (2006.01)

CPC (source: EP US)

**H01J 31/50** (2013.01 - EP US); **H01J 2231/50057** (2013.01 - EP US)

Citation (examination)

- FR 2866714 A1 20050826 - ROBIN JEAN CLAUDE [FR]
- FR 2803394 A1 20010706 - THOMSON TUBES ELECTRONIQUES [FR]

Designated contracting state (EPC)

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