

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)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1906432 A1 20080402; EP 1906432 B1 20110427; AT E507575 T1 20110515; DE 602007014157 D1 20110609; FR 2906400 A1 20080328; FR 2906400 B1 20081114; JP 2008084861 A 20080410; US 2008073492 A1 20080327; US 7728519 B2 20100601

DOCDB simple family (application)

EP 07116775 A 20070919; AT 07116775 T 20070919; DE 602007014157 T 20070919; FR 0608456 A 20060926; JP 2007247730 A 20070925; US 86163807 A 20070926