

Title (en)

Procedure for detecting television picture tubes with insufficient vacuum.

Title (de)

Verfahren zum Selektieren von Fernsehbildröhren mit zu niedrigem Vakuum.

Title (fr)

Procédé de détection de l'insuffisance de vide dans les tubes de télévision.

Publication

**EP 0426237 B1 19940518 (DE)**

Application

**EP 90202833 A 19901024**

Priority

DE 3936015 A 19891028

Abstract (en)

[origin: EP0426237A2] A procedure for detecting television picture tubes with insufficient vacuum, during production. <??>In order to detect and separate out tubes having insufficient vacuum before the getters, a DC voltage which rises continuously from a low value up to a maximum value is applied between the anode (g4) and a second electrode (g3) of the tube, the rise of which DC voltage is stopped when a (spark or discharge) current flows in the tube, and the associated value of the DC voltage is evaluated as the criterion for the detection of the tube.

IPC 1-7

**H01J 9/42**

IPC 8 full level

**H01J 9/42** (2006.01)

CPC (source: EP US)

**H01J 9/42** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0426237 A2 19910508; EP 0426237 A3 19911121; EP 0426237 B1 19940518;** DE 3936015 A1 19910502; DE 59005734 D1 19940623; JP H03165422 A 19910717; US 5083957 A 19920128

DOCDB simple family (application)

**EP 90202833 A 19901024;** DE 3936015 A 19891028; DE 59005734 T 19901024; JP 28600890 A 19901025; US 59978490 A 19901018