

Title (en)

Machines for inserting a cathode in a CRT gun.

Title (de)

Maschine zum Einbauen einer Kathode in eine Kanone einer Kathodenstrahlröhre.

Title (fr)

Perfectionnement aux machines d'implantation de cathode dans un canon de tube cathodique.

Publication

EP 0326440 B1 19951025 (FR)

Application

EP 89400033 A 19890105

Priority

FR 8800295 A 19880113

Abstract (en)

[origin: EP0326440A1] Machine for inserting a cathode in a CRT gun eyelet. <??>This machine comprises a support device (1) for the gun which can move along the axis of the gun, a cathode-support device (5) positioning the cathode (6) along the axis (2) of the gun and a feeler (4) with retractable rod cooperating with a first detector (9) giving the position of the cathode when the rod bears on the grid (G1), it being possible to displace the said feeler perpendicular to the axis of the gun. It further comprises a measuring bar (7) of calibrated length, bearing on the grid G2 and opening out to the side away from the eyelet, a second detector (8) recording the position of the measuring bar (7) and a control device (10) determining the displacement of the gun-supporting device from the measurements made by the two detectors. <??>The invention is used in the manufacture of television tubes. <IMAGE>

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H01J 9/18; **H01J 9/42**

IPC 8 full level

H01J 9/18 (2006.01); **H01J 9/42** (2006.01)

CPC (source: EP US)

H01J 9/18 (2013.01 - EP US); **H01J 9/42** (2013.01 - EP US); **H01J 2209/185** (2013.01 - EP US)

Citation (examination)

R.C.A. TECHNICAL NOTES, no. 1322, 22 décembre 1982, pages 1,2, Princeton, New Jersey, US; R.E. SCHLACK et al.: "G1-G2 compensating cathode inserter"

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0326440 A1 19890802; **EP 0326440 B1 19951025**; DE 68924608 D1 19951130; DE 68924608 T2 19960718; FR 2625837 A1 19890713; FR 2625837 B1 19901109; JP 2770363 B2 19980702; JP H01209629 A 19890823; US 4898559 A 19900206

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