

Title (en)

METHOD TO MANUFACTURE A PHOTOCATHODE FOR AN IMAGE INTENSIFIER TUBE

Publication

EP 0324676 B1 19920408 (FR)

Application

EP 89400065 A 19890110

Priority

FR 8800411 A 19880115

Abstract (en)

[origin: EP0324676A1] According to this method, the photo-cathode is built up inside the tube by depositing a photoelectric material on a conductive substrate (3), by vacuum evaporation. The optical transparency of this deposit is determined, during deposition, by illuminating it with a light source (12). According to the invention, this light source is situated inside the tube and is protected from the vapours of the photoelectric material. In the prior art, this source is situated outside the tube and illumination of the deposit is unsatisfactory. <??>Application to the manufacture of image intensifier tubes. <IMAGE>

IPC 1-7

H01J 9/233

IPC 8 full level

H01J 9/12 (2006.01); **H01J 9/233** (2006.01); **H01J 9/42** (2006.01); **H01J 31/50** (2006.01)

CPC (source: EP US)

H01J 9/12 (2013.01 - EP US); **H01J 2201/3426** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0324676 A1 19890719; **EP 0324676 B1 19920408**; DE 68901139 D1 19920514; FR 2626106 A1 19890721; FR 2626106 B1 19900504; JP 2703306 B2 19980126; JP H01217826 A 19890831; US 4960608 A 19901002

DOCDB simple family (application)

EP 89400065 A 19890110; DE 68901139 T 19890110; FR 8800411 A 19880115; JP 752389 A 19890113; US 29612889 A 19890112