Title (en)

METHOD FOR MAKING AN X-RAY IMAGE INTENSIFIER TUBE, IMAGE INTENSIFIER TUBE SO OBTAINED

Publication

EP 0350359 B1 19930825 (FR)

Application

EP 89401743 A 19890620

Priority

FR 8809310 A 19880708

Abstract (en)

[origin: JPH0268832A] PURPOSE: To prevent spurious emission in an X-ray image multiplying tube by evaporating a conductive material. layer made of an organic polymer having characteristics of chemically reacting with alkaline metal on the electrode nearest to an anode out of electrodes. CONSTITUTION: Prior to the manufacture of a cathode through the evaporation of antimony and alkaline metal and subsequent insertion thereof into an X-ray image multiplying tube, a conductive material, layer made of an organic polymer having characteristics of chemically reacting with alkaline metal is evaporated on at least a part of the electrode nearest to an anode out of electrodes. Specifically, an electrode G3 is coated with a polymer layer 8 prior to its insertion into the tube. The electrode G2 may be coated totally or partly at its region which is most liable to cause spurious emission to thereby prevent its spurious emission.

IPC 1-7

H01J 9/12; H01J 9/14; H01J 31/50

IPC 8 full level

H01J 9/12 (2006.01); **H01J 9/14** (2006.01); **H01J 29/62** (2006.01); **H01J 31/50** (2006.01)

CPC (source: EP US)

H01J 9/12 (2013.01 - EP US); **H01J 9/14** (2013.01 - EP US); **H01J 31/501** (2013.01 - EP US); H01J 2201/32 (2013.01 - EP US); H01J 2201/3426 (2013.01 - EP US)

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