

Title (en)
X-RAY IMAGE INTENSIFIER

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Application
EP 89117243 A 19890918

Priority
DE 8812346 U 19880929

Abstract (en)
[origin: EP0361266A2] An X-ray image intensifier (5a) possesses an electrode system for focusing onto the output fluorescent screen (7) of the X-ray intensifier (5a) the electrons generated during infringement of the X-ray radiation on the input fluorescent screen (4) of the X-ray image intensifier (5a). Said electrode system is to be simplified, the number of electrodes being reduced and the imaging characteristics being improved. <??>According to the invention, the object is achieved when one electrode of the electron optics composed of electrically resistant material is applied as a coating (15) on a one-piece electrode carrier (14a) forming the jacket of the vacuum vessel, and a voltage is applied to the coating (15), so that the potential field rises continuously in the region from the input fluorescent screen (4) to the output fluorescent screen (7). <IMAGE>

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H01J 29/62 (2006.01); **H01J 31/50** (2006.01)

CPC (source: EP US)
H01J 29/622 (2013.01 - EP US); **H01J 31/501** (2013.01 - EP US)

Citation (search report)
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DE4213906A1; EP0721653A4

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DE FR

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