

Title (en)  
Radiological image intensifier tube.

Title (de)  
Röntgenbildverstärkerröhre.

Title (fr)  
Tube intensificateur d'image radiologique.

Publication  
**EP 0540391 B1 19950111 (FR)**

Application  
**EP 92402830 A 19921016**

Priority  
FR 9113487 A 19911031

Abstract (en)  
[origin: EP0540391A1] The invention relates to radiological image intensifier tubes, and more particularly to means for improving the image resolution of tubes and/or correcting their output brightness curve. <??>The image intensifier tube includes an entrance screen comprising a scintillator (16) carried by an aluminium substrate (17). According to the invention, a porous alumina layer (20) is interposed between the scintillator (16) and the substrate (17). The alumina layer is tinted so as to absorb the light emitted by the scintillator (16) towards the substrate (17). <IMAGE>

IPC 1-7  
**H01J 29/38**

IPC 8 full level  
**G01T 1/20** (2006.01); **G21K 4/00** (2006.01); **H01J 29/38** (2006.01); **H01J 29/45** (2006.01); **H01J 31/50** (2006.01)

CPC (source: EP US)  
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Cited by  
US5506403A; US5705885A; US6045427A

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DE FR NL

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**EP 0540391 A1 19930505; EP 0540391 B1 19950111**; DE 69201183 D1 19950223; DE 69201183 T2 19950524; FR 2683388 A1 19930507; JP 3323252 B2 20020909; JP H06236742 A 19940823; US 5315103 A 19940524

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**EP 92402830 A 19921016**; DE 69201183 T 19921016; FR 9113487 A 19911031; JP 29050292 A 19921028; US 96651092 A 19921023