

Title (en)
IMAGE-GENERATING DEVICE USING THE LUMINESCENCE EFFECT

Title (de)
APPARAT ZUR BILDVERSTÄRKUNG MITTELS LUMINESZENZ

Title (fr)
DISPOSITIF GENERATEUR D'IMAGES PAR EFFET DE LUMINESCENCE

Publication
EP 0670078 B1 19980812 (FR)

Application
EP 94900195 A 19931116

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Abstract (en)
[origin: US5631459A] PCT No. PCT/FR93/01120 Sec. 371 Date May 12, 1995 Sec. 102(e) Date May 12, 1995 PCT Filed Nov. 16, 1993 PCT Pub. No. WO94/13005 PCT Pub. Date Jun. 9, 1994A device for selecting a remanence of output screens of radiological image intensifier tubes. A luminescent screen (ES1) utilizes two phosphor materials (A, B) exhibiting different remanences and different emission spectra. Wavelength-selective optical filters (Fo) are associated with the luminescent screen ES1 in order to select a remanence chosen by transmitting the corresponding spectral band.

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IPC 8 full level
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H01J 31/501 (2013.01 - EP US)

Citation (examination)
• US 4512912 A 19850423 - MATSUDA NAOTOSHI [JP], et al
• FR 2195841 A1 19740308 - THOMSON CSF [FR]
• EP 0536833 A1 19930414 - PHILIPS NV [NL]

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DE FR NL

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US 43987395 A 19950512; DE 69320361 T 19931116; EP 94900195 A 19931116; FR 9213969 A 19921120; FR 9301120 W 19931116; JP 51283294 A 19931116