

Title (en)

IMAGE INTENSIFIER TUBE TARGET AND IMAGE INTENSIFIER TUBE WITH VIDEO OUTPUT COMPRISING SUCH A TARGET

Publication

EP 0062553 B1 19850123 (FR)

Application

EP 82400460 A 19820312

Priority

FR 8106187 A 19810327

Abstract (en)

[origin: US4647811A] A variable gain R.I.I. target is obtained by using an optical fibre board, whose face on the R.I.I. side has blind holes containing two types of granular luminescent materials having different luminous efficiencies and which are separated by a barrier layer. The electron beam from the R.I.I. photocathode is subject to two different accelerating voltages, the lower accelerating voltage exciting the luminescent material with the lower luminous efficiency and the higher accelerating voltage exciting the luminescent material with the higher luminous efficiency. Application to image intensifier tubes, used more specifically in radiology and fluoroscopy.

IPC 1-7

H01J 31/08; **H01J 29/44**

IPC 8 full level

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CPC (source: EP US)

H01J 29/44 (2013.01 - EP US); **H01J 31/49** (2013.01 - EP US)

Citation (examination)

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