

Title (en)

METHOD OF MANUFACTURING A SCINTILLATOR, AND SCINTILLATOR SO OBTAINED

Publication

EP 0352152 B1 19930512 (FR)

Application

EP 89401788 A 19890623

Priority

FR 8809938 A 19880722

Abstract (en)

[origin: EP0352152A1] Improvement to the manufacture of a scintillator especially for the input screen of a radiological image-intensifier tube. <??>According to the invention the substrate (11) on which a layer of scintillating material (12) such as caesium iodide deposited in the form of needles (13b) is grown is subjected to a treatment ending in the formation of a surface quality or of an alveolate structure (15) resulting in the formation of finer needles. <??>The reduction in the average diameter of the needles is reflected in an improvement in the resolution of the device. <IMAGE>

IPC 1-7

G21K 4/00; **H01J 9/12**; **H01J 29/38**

IPC 8 full level

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CPC (source: EP US)

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