

Title (en)  
RADIATION IMAGE CONVERSION PANEL

Publication  
**EP 0092241 B1 19890802 (EN)**

Application  
**EP 83103791 A 19830419**

Priority  
• JP 6467482 A 19820420  
• JP 8243182 A 19820518

Abstract (en)  
[origin: EP0092241A1] A radiation image conversion panel comprising a support and at least one phosphor layer comprising a binder and a phosphor dispersed therein. Examples of the conversion panel include a radiographic intensifying screen and a radiation image storage panel. The sharpness of image provided by the conversion panel and the adhesion between the phosphor layer and the support are both remarkably improved by providing onto the surface of the support a great number of pits having a mean depth of at least 1  $\mu\text{m}$ , a maximum depth of more than 1 to 100  $\mu\text{m}$ , and a mean diameter at the opening of at least 1  $\mu\text{m}$ .

IPC 1-7  
**G03C 5/17**

IPC 8 full level  
**G03C 5/17** (2006.01)

CPC (source: EP)  
**G03C 5/17** (2013.01)

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**EP 0092241 A1 19831026; EP 0092241 B1 19890802; DE 3380318 D1 19890907**

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