

Title (en)

Radiation image storage panel.

Title (de)

Schirm zum Speichern eines Strahlungsbildes.

Title (fr)

Ecran pour l'enregistrement d'une image obtenue par rayonnement.

Publication

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Application

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- JP 18070685 A 19850816
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- JP 26691484 A 19841217
- JP 26691584 A 19841217
- JP 26691684 A 19841217

Abstract (en)

There are disclosed a radiation image storage panel which comprises a stimuable phosphor layer on a support, wherein the stimuable phosphor layer has a fine pillar-shaped block structure, and a process of making a radiation image storage panel having a stimuable phosphor layer on a support, which comprises getting the stimuable phosphor layer having a fine pillar-shaped block structure. Scattering of the stimulation exciting light within the stimuable phosphor layer of the present invention can be markedly reduced since the stimuable phosphor layer has a block structure shaped in fine pillars, whereby it is possible to improve sharpness of the image. Also, radiation sensitivity and graininess of the image can be improved by enlargement of the stimuable phosphor layer without lowering sharpness of the image since lowering in sharpness of the image due to increase of the stimuable phosphor layer is little.

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