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(71) Applicant: KONISHIROKU PHOTO INDUSTRY CO. LTD.
No. 26-2, Nishishinjuku 1-chome Shinjuku-ku
Tokyo 160(JP)

(72) Inventor: Tsuchino, Hisanori
Konishiroku Photo Ind. Co. Ltd. 1, Sakuramachi
Hino-shi Tokyo(JP)

(72) Inventor: Kano, Akiko
Konishiroku Photo Ind. Co. Ltd. 1, Sakuramachi
Hino-shi Tokyo(JP)

(72) Inventor: Amitani, Koji
Konishiroku Photo Ind. Co. Ltd. 1, Sakuramachi
Hino-shi Tokyo(JP)

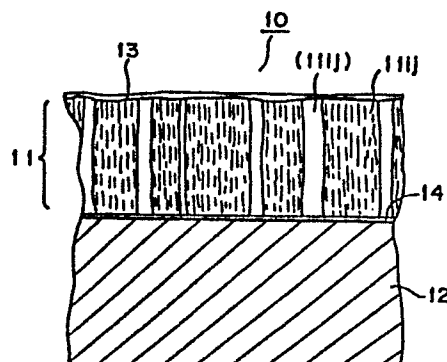
(72) Inventor: Shimada, Fumio
Konishiroku Photo Ind. Co. Ltd. 1, Sakuramachi
Hino-shi Tokyo(JP)

(74) Representative: Ellis-Jones, Patrick George
Armine et al,
J.A. KEMP & CO. 14 South Square Gray's Inn
London WC1R 5EU(GB)

(54) Radiation image storage panel and process for making the same.

(57) There are disclosed a radiation image storage panel (10) which comprises a stimuable phosphor layer (11) on a support, wherein the stimuable phosphor layer has a fine pillar-shaped block structure (11 ij), 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.

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			EP 85309128.8
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	EP - A2 - 0 126 564 (KONISHIROKU PHOTO) * Fig. 1-7,9-13; abstract * --	1,2,8-10,13,14	G 21 K 4/00
A	EP - A1 - 0 099 285 (THOMSON-CSF) * Fig. 2; claims 6,7; page 4, line 29 * --	1-3,8,9	
A	FR - A1 - 2 530 368 (THOMSON-CSF) * Fig. 1-3; page 3, line 23; page 5, line 13 * ----	1-3,8,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 21 K 4/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 26-08-1986	Examiner KRAL
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			