

Title (en)

A binderless storage phosphor screen having voids filled up to a defined extent

Title (de)

Binderfreier Speicherleuchtschirm mit bis zum bestimmten Grade gefüllten Hohlräumen

Title (fr)

Ecran d'enregistrement luminescent sans liant avec des vides remplis jusqu'à un certain degré

Publication

EP 1316969 B1 20100623 (EN)

Application

EP 01000694 A 20011203

Priority

EP 01000694 A 20011203

Abstract (en)

[origin: EP1316969A1] A binderless stimuable phosphor screen comprising a vapour deposited storage phosphor layer on a support and a protective layer wherein the vapour deposited phosphor is needle shaped and the phosphor needles have a length, L and voids between them and wherein said protective layer fills said voids for at most 0.10 times L. Preferably the protective layer is radiation cured.

IPC 8 full level

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CPC (source: EP)

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Cited by

US6977385B2; EP1347460A1; US7091501B2

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DE FR GB

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