

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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**EP 1316969 A1 20030604; EP 1316969 B1 20100623**; DE 60142438 D1 20100805; JP 2003232899 A 20030822

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