

Title (en)

Radiographic screen with edge-reinforcing coating.

Title (de)

Röntgenschirm mit randverstärkender Schicht.

Title (fr)

Ecran radiographique muni d'une couche renforçant les bords.

Publication

EP 0503702 A1 19920916 (EN)

Application

EP 92200528 A 19920224

Priority

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- EP 91200511 A 19910308

Abstract (en)

A radiographic screen comprising a support, a layer comprising a fluorescent phosphor dispersed in a binder and a protective topcoat coated over the phosphor binder layer, wherein the edges are reinforced by a radiation cured coating obtained by curing a radiation curable composition comprising a polyester prepolymer, and a diluent mono-functional monomer.

IPC 1-7

G21K 4/00

IPC 8 full level

G21K 4/00 (2006.01)

CPC (source: EP)

G21K 4/00 (2013.01); **G21K 2004/02** (2013.01); **G21K 2004/10** (2013.01); **G21K 2004/12** (2013.01)

Citation (search report)

- [Y] GB 2017139 A 19791003 - DAINIPPON TORYO KK
- [Y] US 4788435 A 19881129 - YAMAZAKI HISASHI [JP]
- [A] US 4835397 A 19890530 - ARAKAWA SATOSHI [JP], et al
- [A] EP 0159613 A1 19851030 - FUJI PHOTO FILM CO LTD [JP]
- [A] EP 0158959 A1 19851023 - FUJI PHOTO FILM CO LTD [JP]

Cited by

EP1316970A1; DE10313984A1; US5789021A; US5812276A; EP0915483A1; EP0686927A1; EP0767576A1; US6271536B1; US6844056B2; WO9400531A1; EP0768790A1; EP0710015A1; EP0576054B1

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