

Title (en)

X-ray luminescent article offering improved film sharpness

Title (de)

Röntgenleuchtartikel mit verbesserter Filmschärfe

Title (fr)

Article luminescent aux rayons X avec une netteté de film améliorée

Publication

**EP 0967620 B1 20020828 (EN)**

Application

**EP 99201521 A 19990510**

Priority

- EP 99201521 A 19990510
- EP 98202151 A 19980626

Abstract (en)

[origin: EP0967620A1] In accordance with the present invention a luminescent article is provided which luminescent article comprises a self-supporting or supported layer of phosphor particles dispersed in a binding medium and, adjacent thereto, a protective coating characterized in that, besides a binder, the said protective coating comprises as white pigment titanium dioxide, which is present in the said binder, preferably comprising an urethane acrylate. An improvement in sharpness of images is obtained after processing of light-sensitive silver halide photographic film materials held in contact with the said article during X-ray irradiation and subsequent conversion illumination. When said pigment is present in an amount by weight of up to 5 % versus said binder no loss in speed for said processed film material is observed.

IPC 1-7

**G21K 4/00**

IPC 8 full level

**G21K 4/00** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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