

Title (en)

Radiographic image forming film-screen system

Title (de)

System von Film und Schirm zur Herstellung radiographischen Bildes

Title (fr)

Système pellicule-écran formant image radiographique

Publication

**EP 0790526 B1 20020724 (EN)**

Application

**EP 97200143 A 19970117**

Priority

- EP 97200143 A 19970117
- EP 96200417 A 19960219

Abstract (en)

[origin: EP0790526A1] An image-forming film-screen system for medical diagnostic imaging is disclosed comprising a light-sensitive silver halide photographic film material in operative association with at least one intensifying screen comprising on a support a layer of a visible light emitting luminescent phosphor, the said film material comprising a support and on at least one side thereof a light-sensitive silver halide emulsion layer having spectrally sensitised tabular silver halide and a non-light-sensitive protective layer, wherein said protective layer contains a polymeric compound selected from the group consisting of gelatin, a synthetic, semi-synthetic or natural substitute for gelatin and latex (co)polymers, in an amount of at least 0.4 g per m<sup>2</sup>; characterised in that between a light-sensitive silver halide emulsion layer and said protective layer there is an intermediate layer comprising a blue coloured pigment in dispersed form, having a solubility in isopropanol at 25 DEG C of less than 10 mg per litre.

IPC 1-7

**G03C 5/17**

IPC 8 full level

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CPC (source: EP)

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