

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 A1 19970820 (EN)

Application

EP 97200143 A 19970117

Priority

- EP 97200143 A 19970117
- EP 96200417 A 19960219

Abstract (en)

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 m²; 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

G03C 5/17 (2006.01); **G03C 1/005** (2006.01)

CPC (source: EP)

G03C 5/17 (2013.01); **G03C 1/0051** (2013.01); **G03C 2001/0055** (2013.01)

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