

Title (en)

Combination of photosensitive elements for use in radiography

Title (de)

Kombination photoempfindlicher Materialien zur Verwendung in der Radiographie

Title (fr)

Combinaison d'éléments photosensibles pour utilisation ou radiographie

Publication

EP 0350883 B1 19960117 (EN)

Application

EP 89112708 A 19890712

Priority

IT 2136188 A 19880714

Abstract (en)

[origin: EP0350883A2] Combination of photosensitive elements for use in radiography consisting of a pair of radiographic fluorescent screens and a double-side coated silver halide radiographic element. Each screen is arranged adjacent to each silver halide layer and each screen is capable of imagewise emitting radiation to which the adjacent silver halide layer is sensitive when imagewise exposed to X radiation. The combination is characterized in that one fluorescent screen emits a first radiation in a first wavelength region of the electromagnetic spectrum and the other fluorescent screen emits a second radiation in a second wavelength region of the electromagnetic spectrum, and each silver halide layer is substantially insensitive to the radiation emitted by the opposite screen.

IPC 1-7

G03C 5/17

IPC 8 full level

G03B 42/02 (2006.01); **G21K 4/00** (2006.01); **G03C 1/00** (2006.01); **G03C 5/17** (2006.01)

CPC (source: EP)

G03C 5/17 (2013.01)

Citation (examination)

JP S6141144 A 19860227 - FUJI PHOTO FILM CO LTD

Cited by

EP0633497A1; EP0581065A1; EP0591747A1; US5380636A; EP0440367B1; EP0384633B1; EP0407890B1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0350883 A2 19900117; **EP 0350883 A3 19901031**; **EP 0350883 B1 19960117**; AU 3712189 A 19900118; AU 619309 B2 19920123; BR 8903451 A 19900306; CA 1337852 C 19960102; DE 68925440 D1 19960229; DE 68925440 T2 19960814; IT 1226917 B 19910222; IT 8821361 A0 19880714; JP 2837878 B2 19981216; JP H02110538 A 19900423

DOCDB simple family (application)

EP 89112708 A 19890712; AU 3712189 A 19890628; BR 8903451 A 19890713; CA 605729 A 19890714; DE 68925440 T 19890712; IT 2136188 A 19880714; JP 18163289 A 19890713