

Title (en)

Process for preparing a photographic silver halide photosensitive material

Title (de)

Verfahren zur Herstellung eines lichtempfindlichen fotografischen Silberhalogenidmaterials

Title (fr)

Procédé pour la préparation d' un matériau photographique photosensible à l'halogénure d'argent

Publication

EP 0531759 B1 20040602 (EN)

Application

EP 92114097 A 19920818

Priority

- JP 9143792 A 19920318
- JP 23101891 A 19910819

Abstract (en)

[origin: EP0531759A2] A silver halide photosensitive material is subject to J-band spectral sensitization in the infrared range such that it has a sensitization maximum at a longer wavelength than 730 nm and the sensitivity at the spectral sensitivity maximum wavelength is higher by a factor of at least 4.5 than the spectral sensitivity to light having a wavelength 30 nm longer than said spectral sensitivity maximum wavelength and higher by a factor of at least 2 than the spectral sensitivity to light having a wavelength 30 nm shorter than said spectral sensitivity maximum wavelength. The photosensitive material has high sensitivity to light in a specific wavelength range such as semiconductor laser light, but low sensitivity to light in other wavelength ranges and experiences a minimal lowering of sensitivity during storage.

IPC 1-7

G03C 1/12; **G03C 1/498**

IPC 8 full level

G03C 1/12 (2006.01); **G03C 1/498** (2006.01); **G03C 5/16** (2006.01); **G03C 8/40** (2006.01)

CPC (source: EP)

G03C 1/127 (2013.01); **G03C 1/49854** (2013.01); **G03C 5/164** (2013.01); **G03C 8/404** (2013.01)

Citation (examination)

- JP H04146431 A 19920520 - FUJI PHOTO FILM CO LTD
- "Progress of Basic Principles of Imaging Systems", 1987, VIEWEG AND SOHN, COLOGNE, article KAMPFER H.: "IR absorbing J-Aggregates of Dicabocyanine Dyes", pages: 366 - 369, XP002952869

Cited by

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Designated contracting state (EPC)

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