

Title (en)

Sensitizing dyes for enhanced light absorption

Title (de)

Sensibilisierungsfarbstoffe für erhöhte Lichtabsorption

Title (fr)

Colorants sensibilisateurs pour absorption améliorée de lumière

Publication

EP 0887700 B1 20040128 (EN)

Application

EP 98201969 A 19980612

Priority

US 88177797 A 19970624

Abstract (en)

[origin: EP0887700A1] A silver halide photographic element comprises at least one silver halide emulsion spectrally sensitized by a molecule of formula I: (Dye 1) - (L - $\text{Ä}(\text{Dye 2})\text{Ün})\text{m}$ wherein Dye 1 comprises a first chromophore and Dye 2 comprises a second chromophore, wherein Dye 1 adsorbs to silver halide more strongly than Dye 2, and Dye 1 absorbs light at a longer wavelength than Dye 2, L is an organic linking group containing at least one hetero atom which is not part of an amide or ester group, and m and n are independently an integer of 1-3. <IMAGE>

IPC 1-7

G03C 1/12

IPC 8 full level

G03C 1/12 (2006.01)

CPC (source: EP)

G03C 1/12 (2013.01)

Cited by

US6649337B2; EP1698900A1; AU782381B2; US6770433B2; US7172856B2; US6806043B2; US6838231B2; US6884891B2; US6750003B2; US6610466B2; WO0157237A3; WO0157141A1

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