

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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