

Title (en)

Highly sensitive colour photographic recording material with increased sensitivity in the green spectral region

Title (de)

Hochempfindliches farbfotografisches Aufzeichnungsmaterial mit erhöhter Empfindlichkeit im grünen spektralbereich

Title (fr)

Matériau d'enregistrement photographique en couleurs à haute sensibilité avec une sensibilité accrue dans la région spectrale verte

Publication

**EP 0866368 B1 20031112 (DE)**

Application

**EP 98103847 A 19980305**

Priority

DE 19711144 A 19970318

Abstract (en)

[origin: EP0866368A2] In fast colour photographic material with red-sensitive (RS), green-sensitive (GS) and blue-sensitive (BS) silver halide (AgX) emulsion units containing cyan, magenta and yellow couplers respectively and optionally light-insensitive layer(s), the GS unit consists of NOTLESS 2 layers sensitised with sensitising dyes giving a sensitivity curve characterised by the following parameters;  $540 \text{ nm} \leq \lambda (\text{Smax}) \leq 555 \text{ nm}$ ;  $b_{80} \geq 36 \text{ nm}$ ;  $b_{50} \geq 56 \text{ nm}$ ;  $b_{20} \text{ SIMILAR } 89 \text{ nm}$ ; in which  $\lambda (\text{Smax})$  = the wavelength of the sensitivity curve maximum (100% intensity);  $b_{80}$ ,  $b_{50}$ ,  $b_{20}$  = the width of the sensitivity curve at 80, 50 and 20% respectively of the maximum intensity.

IPC 1-7

**G03C 1/29**; **G03C 5/02**; **G03C 7/30**; **G03C 1/12**; **G03C 1/18**

IPC 8 full level

**G03C 7/00** (2006.01); **G03C 1/12** (2006.01); **G03C 1/18** (2006.01); **G03C 1/29** (2006.01); **G03C 5/02** (2006.01); **G03C 7/20** (2006.01); **G03C 7/30** (2006.01)

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