

Title (en)

Highly sensitive colour photograph recording material with increased sensitivity in the red spectral region

Title (de)

Hochempfindliches farbfotografisches Aufzeichnungsmaterial mit erhöhter Empfindlichkeit im roten Spektralbereich

Title (fr)

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

Publication

**EP 0866363 B1 20030702 (DE)**

Application

**EP 98103846 A 19980305**

Priority

DE 19711143 A 19970318

Abstract (en)

[origin: EP0866363A1] 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 RS unit consists of NOTLESS 2 layers sensitised with sensitising dyes giving a sensitivity curve characterised by the following parameters :  $635 \text{ nm} \leq \lambda (\text{Smax}) \leq 660 \text{ nm}$ ;  $b_{80} \geq 35 \text{ nm}$ ;  $b_{50} \geq 56 \text{ nm}$ ;  $b_{20} \geq 96 \text{ nm}$ ; 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 1/18**; **G03C 1/12**; **G03C 7/30**

IPC 8 full level

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