

Title (en)

Colour photographic recording material having increased sensitivity and improved colour reproduction

Title (de)

Farbfotografisches Aufzeichnungsmaterial mit erhöhter Empfindlichkeit und verbesserter Farbwiedergabe

Title (fr)

Matériau photographique couleur d'enregistrement ayant une sensibilité plus élevée et reproduction des couleurs améliorée

Publication

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Application

EP 97106699 A 19970423

Priority

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Abstract (en)

[origin: US5856076A] A color photographic recording material having a film support and, arranged thereon, at least one red-sensitive silver halide emulsion layer containing a cyan coupler, at least one green-sensitive silver halide emulsion layer containing a magenta coupler, at least one blue-sensitive silver halide emulsion layer containing a yellow coupler and optionally further non-photosensitive layers contains, in addition to conventional sensitizing dyes, in at least one of the red-sensitive silver halide emulsion layers thereof and in at least one of the green-sensitive emulsion layers thereof at least one cyanine dye in each layer having an absorption maximum in a methanolic solution in the range from 515 to 550 nm, wherein the absorption maxima of the additional cyanine dye in the red-sensitive silver halide emulsion layer and of the additional cyanine dye in the green-sensitive layer, in each case measured in a methanolic solution, are no more than 10 nm and preferably no more than 5 nm apart. In a preferred embodiment, the additional cyanine dye in the red-sensitive silver halide emulsion layer is identical to the additional cyanine dye in the green-sensitive silver halide emulsion layer. The recording material exhibits improved sensitivity and improved color reproduction.

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