

Title (en)

Photographic elements incorporating antihalation and/or acutance dyes.

Title (de)

Photographische Elemente, die Farbstoffe zur Verbesserung des Lichthofschutzes und/oder der Konturenschärfe enthalten.

Title (fr)

Éléments photographiques contenant des colorants antihalo ou/et à degré de finesse.

Publication

EP 0329491 A2 19890823 (EN)

Application

EP 89301637 A 19890220

Priority

US 15765388 A 19880219

Abstract (en)

Bleachable dyes for use in photographic and photothermographic silver halide emulsions of the general formula: <CHEM> in which: m+p=2, n is 0 or 1, s is 0 or 1, Z<1> and Z<2> independently represent the non-metallic atoms necessary to complete a heterocyclic nucleus of the type present in cyanine dyes and in addition contain a water solubilizing group such as sulphonate, carboxylate, etc., R<1> and R<2> independently represent alkyl or substituted alkyl, alkenyl, substituted alkenyl or aralkyl, each group containing not more than 20 carbon atoms. R<3> and R<4> independently represent a hydrogen atom or an alkyl, substituted alkyl, alkenyl or substituted alkenyl each of which groups contain not more than 10 carbon atoms. R<5>, R<6>, R<7> and R<8>, which together may not contain more than 12 carbon atoms, independently represent a hydrogen atom, an alkyl, substituted alkyl, alkenyl, substituted alkenyl, aryl or alkaryl group, or one of R<5> and R<6> together with one of R<7> and R<8> represent the necessary atoms to complete a carbocyclic ring in which case the others of R<5> to R<8> are absent, Q<1> and Q<2> together represent the non-metallic atoms necessary to complete an acidic nucleus of the type present in oxonol or merocyanine dyes.

IPC 1-7

G03C 1/84

IPC 8 full level

G03C 1/83 (2006.01); **G03C 1/498** (2006.01)

CPC (source: EP)

G03C 1/832 (2013.01); **G03C 1/49854** (2013.01)

Cited by

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