Title (en)

Developing method and method for developing an exposed photographic silver halide material

Title (de)

Entwicklerlösung und Verfahren zum Entwickeln eines belichteten photographischen Silberhalogenidmaterials

Title (fr)

Solution et méthode pour le développement d'un matériau photographique à l'halogénure d'argent exposé

Publication

EP 0732619 A1 19960918 (EN)

Application

EP 96200136 A 19960119

Priority

- EP 96200136 A 19960119
- EP 95200419 A 19950221

Abstract (en)

According to this invention a developer has been disclosed having a low pH value between 9.6 and 11.0, preferably between 9.6 and 10.3, and comprising hydroquinone in an amount from 0 to less than 30 g per litre, an auxiliary developing agent, and as silver halide complexing agents alkali metal sulphite salts, preferably sodium salts, in an amount from 0 to less than 50 g per litre, more preferably to less than 40 g per litre, and thiocyanate salts in amounts from 0.1 to 3 g, more preferably from 0.5 to 2.5 g per litre, and at least 1 g of a compound corresponding to the formula (I), a precursor thereof, a derivative thereof and/or a metal salt thereof <CHEM> wherein each of A, B and D independently represents an oxygen atom or NR<1>; X represents an oxygen atom, a sulphur atom, NR<2>; CR<3>R<4>; C=O; C=NR<5> or C=S; Y represents an oxygen atom, a sulphur atom, NR<'2>; CR<'3>R<'4>; C=O; C=NR<'5> or C=S; Z represents an oxygen atom, a sulphur atom, NR<"2>; CR<"3>R<"4>; C=O; C=NR<"5> or C=S; n equals 0, 1 or 2; each of R<1> to R<5>, R<'1> to R<'5> and R<"1> to R<"5>, independently represents hydrogen, subsituted or unsubstituted alkyl, aralkyl, hydroxyalkyl, carboxyalkyl; substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted cycloalkenyl, substituted or unsubstituted aryl or substituted or unsubstituted heterocyclyl; and wherein R<3> and R<4>, R<'3> and R<'4>, R<"3> and R<"4>, may further form together a ring; and wherein in the case that X=CR<3>R<4> and Y=CR<'3>R<'4>, R<3> and R<'3> and/or R<4> and R<'4> may form a ring and wherein in the case that Y=CR<'3>R<'4> and Z=CR<"><3>R<"4> with n= 1 or 2, R<'3> and R<"3> and/or R<'4> and R<"4> may form a ring.

IPC 1-7

G03C 5/30; G03C 5/305

IPC 8 full level

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G03C 5/30 (2013.01); **G03C 5/383** (2013.01); **G03C 8/365** (2013.01)

Citation (search report)

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