

Title (en)

Ascorbic acid developing compositions and methods of use

Title (de)

Ascorbinsäureentwicklerzusammensetzungen und Verfahren zu ihrer Verwendung

Title (fr)

Compositions de développement photographique à l'acide ascorbique et leurs procédés d'utilisation

Publication

EP 1191395 A1 20020327 (EN)

Application

EP 01203043 A 20010809

Priority

US 64305600 A 20000821

Abstract (en)

A black-and-white photographic developing composition has improved stability and is more compatible with the environment when discarded. The composition includes one or more ascorbic acid developing agents and is essentially free of hydroquinone and similar derivatives. It comprises a sulfur-containing compound represented by one of the following Structures I, II, III and IV: M1S-R-CH(NH₂)-COOM₂ M1S-R1-COOM₂ R2-S-S-R2 R3HN-R4-SM₁ wherein R is a divalent aliphatic linking group having at least 1 carbon atom in the chain, R₁ is phenylene or an unsubstituted alkylene having 1 or 2 carbon atoms, R₂ is a monovalent aliphatic group having at least 2 carbon atoms and comprising a -CH(NHR₃)-COOM₂ or -(C₁-C₃)alkylene-CH(NHR₃)-COOM₂ group, R₃ is hydrogen, an alkyl group having 1 to 3 carbon atoms or phenyl, R₄ is an alkylene group, a cyclohexylene group, or a phenylene group, and M₁ and M₂ are independently hydrogen, an alkali metal or ammonium ion or methyl group.

<IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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DOCDB simple family (application)

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