

Title (en)

An ascorbic acid type developer with a particular composition

Title (de)

Entwickler vom Ascorbinsäure-Typ und mit einer bestimmten Zusammensetzung

Title (fr)

Développeur du type acide ascorbique avec une composition déterminée

Publication

EP 0588408 B1 19980513 (EN)

Application

EP 93202545 A 19930831

Priority

EP 92202809 A 19920915

Abstract (en)

[origin: EP0588408A1] A developer solution for the development of photographic silver halide materials is disclosed comprising (1) an ascorbic acid type developing agent, and (2) a mixture of at least two 3-pyrazolidone type developing agents chosen from (a) 1-phenyl-3-pyrazolidone, (b) 1-phenyl-4-methyl-3-pyrazolidone, (c) 1-phenyl-4-methyl-4'-hydroxymethyl-3-pyrazolidone, (d) 1-phenyl-4,4'-dimethyl-3-pyrazolidone. In a preferred embodiment the ascorbic acid type developing agent is L-ascorbic acid or iso-ascorbic acid or a salt thereof, and the mixture of the 3-pyrazolidones consists of a mixture of 1-phenyl-3-pyrazolidone and 1-phenyl-4-methyl-3-pyrazolidone. The developer composition of the invention shows improved sensitometric stability against a pH decrease caused by exhaustive continuous processing without developer replenishment.

IPC 1-7

G03C 5/30; G03C 5/305

IPC 8 full level

G03C 5/30 (2006.01)

CPC (source: EP)

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Cited by

US5932398A; US5942379A; EP0736802A1; US5871890A; USRE36384E; US58666309A; GB2292813A; GB2292813B; US5702875A; US5756271A; US5503965A; EP2065706A2; EP2042871A1

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