

Title (en)

Method of processing a black-and-white silver halide photographic material

Title (de)

Verfahren zur Verarbeitung eines photographischen Schwarzweiss-Silberhalogenidmaterials

Title (fr)

Méthode de traitement d'un matériau photographique noir et blanc à l'halogénure d'argent

Publication

EP 0908764 A1 19990414 (EN)

Application

EP 98203116 A 19980916

Priority

- EP 98203116 A 19980916
- EP 97203096 A 19971006

Abstract (en)

A method of processing an exposed black-and-white silver halide light-sensitive photographic material has been disclosed, said method comprising the steps of developing in a developer solution, followed by fixing in a fixer solution, comprising a hardening agent, preferably a compound providing aluminum ions, and wherein, in running equilibrium conditions, said fixer solution has a pH of at least 4.3, further adding to said fixer a fixer replenisher at a rate of from 0 ml/m<2> up to 300 ml/m<2>; followed by rinsing and drying, wherein rinsing between developing and fixing is excluded and wherein an alpha -ketocarboxylic acid structure in an amount of from 0 to 3 g per litre is present in the said fixer solution while starting processing or in the said fixer replenisher, characterized in that said developing step is performed in a developer comprising, in an amount of from 5 g up to 100 gram per litre, a developing agent corresponding to the formula (I), a precursor and/or a metal salt thereof given in the detailed description and in the claims hereinafter. Most preferably l-ascorbic acid, iso-ascorbic acid or (tetramethyl) reductic acid is used as a developing agent.

IPC 1-7

G03C 5/30; G03C 5/38

IPC 8 full level

G03C 1/035 (2006.01); **G03C 5/26** (2006.01); **G03C 5/29** (2006.01); **G03C 5/30** (2006.01); **G03C 5/38** (2006.01); **G03C 1/005** (2006.01); **G03C 5/16** (2006.01)

CPC (source: EP)

G03C 5/26 (2013.01); **G03C 5/30** (2013.01); **G03C 5/38** (2013.01); **G03C 1/0053** (2013.01); **G03C 1/035** (2013.01); **G03C 5/16** (2013.01); **G03C 2005/3007** (2013.01); **G03C 2200/44** (2013.01); **G03C 2200/57** (2013.01)

Citation (search report)

- [X] EP 0789271 A1 19970813 - FUJI PHOTO FILM CO LTD [JP]
- [X] EP 0793140 A1 19970903 - FUJI PHOTO FILM CO LTD [JP]
- [X] EP 0679938 A2 19951102 - KONISHIROKU PHOTO IND [JP]
- [X] EP 0786694 A1 19970730 - KONISHIROKU PHOTO IND [JP]
- [PX] EP 0809136 A1 19971126 - KONISHIROKU PHOTO IND [JP]

Cited by

EP1862852A1; US7279468B2; US7157470B2; US7524863B2; US6951872B2; US6710058B2

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0908764 A1 19990414; EP 0908764 B1 20020327; DE 69804402 D1 20020502; JP H11194458 A 19990721

DOCDB simple family (application)

EP 98203116 A 19980916; DE 69804402 T 19980916; JP 28365298 A 19981006