

Title (en)

Silver halide photographic elements containing dioxide compounds as stabilizers

Title (de)

Photographische Silberhalogenidelemente enthaltend Dioxidverbindungen als Stabilisatoren

Title (fr)

Éléments photographiques à l'halogénure d'argent contenant des composés dioxyde en tant que stabilisants

Publication

EP 0775936 A1 19970528 (EN)

Application

EP 96202985 A 19961028

Priority

- US 633695 P 19951108
- US 66875796 A 19960624

Abstract (en)

This invention provides a silver halide photographic element comprising a silver halide emulsion in reactive association with a dioxide compound represented by the following formula: <CHEM> wherein b is C(O), C(S), C(Se), CH₂ or (CH₂)₂; and R<1> and R<2> are independently H, or aliphatic, aromatic or heterocyclic groups, or R<1> and R<2> together represent the atoms necessary to form a five or six-membered ring or a multiple ring system. This invention further provides a method of making silver halide emulsions containing the dioxide compounds.

IPC 1-7

G03C 1/34

IPC 8 full level

G03C 7/00 (2006.01); **G03C 1/34** (2006.01); **G03C 1/035** (2006.01)

CPC (source: EP)

G03C 1/346 (2013.01); **G03C 1/035** (2013.01); **G03C 2001/03517** (2013.01)

Citation (applicant)

- US 2728663 A 19551227 - ALLEN CHARLES F H, et al
- US 2728664 A 19551227 - CARROLL BURT H, et al
- US 2728665 A 19551227 - LEUBNER GERHARD W, et al
- US 2440206 A 19480420 - MUELLER FRITZ W H
- US 2934198 A 19600426 - SCHONROCK EDWIN A
- US 3047393 A 19620731 - HERZ ARTHUR H, et al
- US 4960689 A 19901002 - NISHIKAWA TOSHIHIRO [JP], et al
- US 1962133 A 19340612 - BROOKER LESLIE G S, et al
- US 2465149 A 19490322 - FRITZ DERSCH, et al
- US 2756145 A 19560724 - BALLARD CLINTON S, et al
- US 2935404 A 19600503 - DERSCH FRITZ H
- US 3184313 A 19650518 - REES WILLIAM W, et al
- US 3318701 A 19670509 - CORBEN LEO D
- US 3409437 A 19681105 - COPELAND RALPH A, et al
- US 3447925 A 19690603 - DERSCH FRITZ, et al
- US 4243748 A 19810106 - ELSNER GOETZ, et al
- US 4463082 A 19840731 - FERGUSON JOHN H [US], et al
- US 4788132 A 19881129 - DEGUCHI NAOYASU [JP], et al
- US 5116723 A 19920526 - KAJIWARA MAKOTO [JP], et al
- US 5003097 A 19910326 - BEAUCAGE SERGE L [US], et al

Citation (search report)

[DA] US 5116723 A 19920526 - KAJIWARA MAKOTO [JP], et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0775936 A1 19970528; **EP 0775936 B1 19981209**; DE 69601120 D1 19990121; DE 69601120 T2 19990701; JP H09171225 A 19970630

DOCDB simple family (application)

EP 96202985 A 19961028; DE 69601120 T 19961028; JP 29230096 A 19961105