

Title (en)

Process for chemically sensitizing a green-sensitive silver halide photographic emulsion and photographic material containing said emulsion

Title (de)

Verfahren zur chemischen Sensibilisierung einer grün-empfindlichen Silberhalogenidemulsion und photographisches Material beinhaltend eine solche Emulsion

Title (fr)

Procédé de sensibilisation chimique des émulsions photographiques à l'halogénure d'argent sensible à la lumière verte, et matériau photographique contenant une telle émulsion

Publication

EP 1361477 B1 20070117 (EN)

Application

EP 03009124 A 20030422

Priority

IT SV20020019 A 20020506

Abstract (en)

[origin: EP1361477A1] The present invention provides a process for chemically sensitizing a silver halide photographic emulsion including the addition to said emulsion, during the chemical sensitization, of a benzo-bis-thiazole quaternary salt represented by the general formula (I): <CHEM> wherein R is an alkyl, an alkenyl or an alkynyl group having from 1 to 5 carbon atoms, A represents the atoms necessary to complete a benzo-bis-thiazole nucleus and X<-> is an anion. <??>Another aspect of the present invention relates to a chemically sensitized green-sensitive silver halide emulsion comprising a benzo-bis-thiazole quaternary salt as above and to a photographic material containing in at least one light-sensitive layer said chemically sensitized green-sensitive silver halide photographic emulsion. <??>The chemically sensitized green-sensitive silver halide emulsion of the present invention has the advantage that it maintains the good sensitometric characteristics even after being maintained for a long coating waiting time.

IPC 8 full level

G03C 1/28 (2006.01); **G03C 7/392** (2006.01); **G03C 1/09** (2006.01)

CPC (source: EP)

G03C 1/28 (2013.01); **G03C 7/39276** (2013.01); **G03C 1/09** (2013.01); **G03C 2001/096** (2013.01)

Cited by

US9881353B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1361477 A1 20031112; **EP 1361477 B1 20070117**; DE 60311178 D1 20070308; IT SV20020019 A1 20031106

DOCDB simple family (application)

EP 03009124 A 20030422; DE 60311178 T 20030422; IT SV20020019 A 20020506