

Title (en)

Colour photographic recording material with a coupler liberating a photographically useful compound.

Title (de)

Farbfotografisches Aufzeichnungsmaterial mit einem Kuppler, der eine fotografisch wirksame Verbindung freisetzt.

Title (fr)

Matériau d'enregistrement pour photographie en couleurs à un coupleur libérant un composé photographiquement actif.

Publication

EP 0415056 A2 19910306 (DE)

Application

EP 90113825 A 19900719

Priority

DE 3925438 A 19890801

Abstract (en)

[origin: JPH0369935A] PURPOSE: To improve the activity, stability and solubility by incorporating a specified coupler and a coupler capable of releasing a photographically active compd. into an emulsion. CONSTITUTION: A coupler represented by formula I and a coupler capable of releasing a photographically active compd. are incorporated into a photosensitive silver halide emulsion layer. In the formula I, R<1> is an alkyl, aryl, etc., R<2> is H, a halogen, alkoxy, etc., X is a residue of a photographically active compd. contg. a monocyclic 1,2,3- or 1,2,4-triazole ring, TIME is a bonding element which is released together with the atomic group X bonding to TIME when the coupler reacts with the oxidized product of a color developer under development conditions and then releases the atomic group X as a photographically active compd. and (n) is 0 or 1. The solubility is improved while maintaining high activity, high stability and easiness of synthesis.

Abstract (de)

Bei Verwendung von DIR-Kupplern der Formel I in farbfotografischen Silberhalogenidmaterialien werden hohe Kanteneffekte und Interimageeffekte erzielt. <IMAGE> In Formel I bedeuten: R¹ Alkyl, beispielsweise -C₄H₉-t, Aryl, beispielsweise p-Alkoxyphenyl -NH-Aryl oder -NH-NH-R³; R² H, Halogen, z.B. Chlor, Alkoxy, Alkylthio oder -NH-R<4>; R³, R<4> Acyl; X den Rest einer fotografisch wirksamen Verbindung mit einem monocyclischen 1,2,3- oder 1,2,4-Triazolring; TIME ein Bindeglied; n 0 oder 1.

IPC 1-7

C07D 285/24; G03C 7/305

IPC 8 full level

C07D 285/24 (2006.01); **C07D 417/06** (2006.01); **C07D 417/12** (2006.01); **G03C 7/26** (2006.01); **G03C 7/305** (2006.01); **G03C 7/32** (2006.01); **G03C 7/392** (2006.01)

CPC (source: EP US)

G03C 7/30535 (2013.01 - EP US); **G03C 7/30558** (2013.01 - EP US); **Y10S 430/158** (2013.01 - EP US)

Cited by

EP0648761A3

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0415056 A2 19910306; EP 0415056 A3 19910320; EP 0415056 B1 19940615; DE 3925438 A1 19910207; DE 59006122 D1 19940721; JP H0369935 A 19910326; US 5021330 A 19910604

DOCDB simple family (application)

EP 90113825 A 19900719; DE 3925438 A 19890801; DE 59006122 T 19900719; JP 19638490 A 19900726; US 55470090 A 19900718