

Title (en)
SILVER HALIDE COLOR PHOTOGRAPHIC MATERIALS

Publication
EP 0295632 B1 19930303 (EN)

Application
EP 88109483 A 19880614

Priority
JP 14687687 A 19870615

Abstract (en)
[origin: EP0295632A2] A Silver halide color photographic materials comprising a support having thereon at least one silver halide emulsion layer, wherein said material contains (1) at least one type of compound which reacts with the oxidized product of a primary aromatic amine based developing agent and releases a bleach accelerating agent, and (2) at least one type of cyan dye forming coupler represented by general formula (A) below: <CHEM> wherein R1 represents a halogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an amidino group, a guanidino group or a group which can be represented by -COR4, -SO2R4, -SOR4, <CHEM> -NHCOR4, -NHSO2R4, -NHSOR4, <CHEM> R2 represents a halogen atom, a hydroxyl group, a carboxyl group, a sulfo group, an amino group, a cyano group, a nitro group, an aliphatic group, an aromatic group, a carbonamido group, a sulfonamido group, a carbamoyl group, a sulfamoyl group, a ureido group, an acyl group, an acyloxy group, an aliphatic oxy group, an aromatic oxy group, an aliphatic sulfonyl group, an aromatic sulfonyl group, an aliphatic sulfinyl group, an aromatic sulfinyl group, an aliphatic oxycarbonyl group, an aromatic oxycarbonyl group, an aliphatic oxycarbonylamino group, an aromatic oxycarbonylamino group, a sulfamoylamino group, a heterocyclic group or an imido group, I min represents an integer of value from 0 to 3, R3 represents a hydrogen atom or R6U, and T represents a hydrogen atom or a group which can be eliminated by a coupling reaction with the oxidized product of a primary aromatic amine developing agent, wherein R4 and R5 each represent independently an aliphatic group, an aromatic group, a heterocyclic group, an amino group, an aliphatic oxy group or an aromatic oxy group, and R6 represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, -OR7, -SR7, -COR8, <CHEM> -PO(R7)2, -PO(-OR7)2, <CHEM> -CO2R7, -SO2R7, -SO2OR7 or an imido group, and U represents <CHEM> -CO-, -SO2-, -SO- or a simple bond, wherein R7 represents an aliphatic group, an aromatic group or a heterocyclic group, R8 represents a hydrogen atom, an aliphatic group, an aromatic group or a heterocyclic group, and R9 and R10 each represent independently a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an acyl group, an aliphatic sulfonyl group or an aromatic sulfonyl group, when I min is 2 or 3 the R2 groups may be the same or different, and they may be joined together to form a ring, and R3, or R3 and T, may be joined, respectively, together, to form rings, further, dimers or oligomers or polymers which are linked together via divalent groups or groups of a valency greater than two for any of R1, R2, R3 or T may also be formed.

IPC 1-7
G03C 7/32

IPC 8 full level
G03C 7/34 (2006.01); **G03C 7/26** (2006.01); **G03C 7/32** (2006.01)

CPC (source: EP US)
G03C 7/3225 (2013.01 - EP US)

Cited by
EP0383637A3; EP0383623A3; US5015565A; EP0608959A1; US5561031A

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0295632 A2 19881221; **EP 0295632 A3 19890426**; **EP 0295632 B1 19930303**; DE 3878745 D1 19930408; DE 3878745 T2 19930609; JP H0192747 A 19890412; US H1248 H 19931102

DOCDB simple family (application)
EP 88109483 A 19880614; DE 3878745 T 19880614; JP 14687687 A 19870615; US 20646288 A 19880614