

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 89100966.4

(51) Int. Cl.⁵: G03C 7/30

(22) Date of filing: 20.01.89

(30) Priority: 21.01.88 JP 11291/88
19.02.88 JP 36778/88

(43) Date of publication of application:
26.07.89 Bulletin 89/30

(64) Designated Contracting States:
BE CH DE FR GB IT LI NL

(88) Date of deferred publication of the search report:
27.06.90 Bulletin 90/26

(71) Applicant: FUJI PHOTO FILM CO., LTD.
210 Nakanuma Minami Ashigara-shi
Kanagawa 250-01(JP)

(72) Inventor: Andoh, Kazuto c/o Fuji Photo Film
Co., Ltd.
No. 210 Nakanuma

Minami Ashigara-shi Kanagawa(JP)

Inventor: Ishikawa, Takatoshi c/o Fuji Photo
Film Co., Ltd.

No. 210 Nakanuma

Minami Ashigara-shi Kanagawa(JP)

Inventor: Fujimoto, Hiroshi c/o Fuji Photo Film
Co., Ltd.

No. 210 Nakanuma

Minami Ashigara-shi Kanagawa(JP)

Inventor: Yagihara, Morio c/o Fuji Photo Film
Co., Ltd.

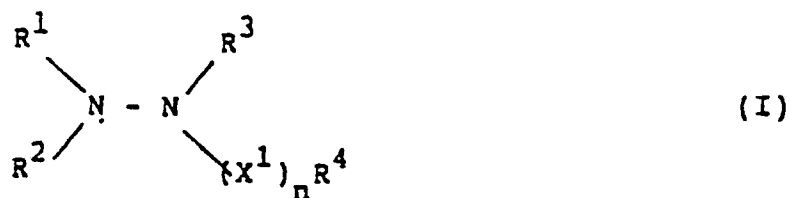
No. 210 Nakanuma

Minami Ashigara-shi Kanagawa(JP)

(74) Representative: Patentanwälte Grünecker,
Kinkeldey, Stockmair & Partner
Maximilianstrasse 58
D-8000 München 22(DE)

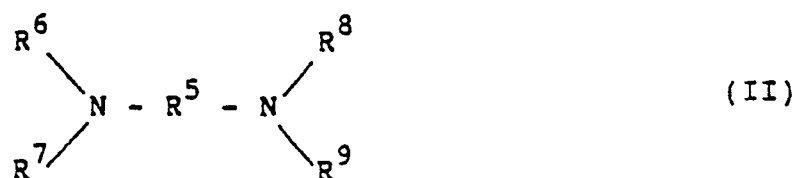
(54) A method for processing a silver halide color photographic material.

(57) A method for continuously processing an imagewise exposed silver halide color photographic material with a color developer containing at least one aromatic primary amine color developing agent is disclosed, in which said color developer contains at least one compound selected from the group consisting of a compound represented by formula (I):



wherein R¹, R², and R³ each represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted aryl group, or a substituted or unsubstituted heterocyclic group; R⁴ represents a hydrogen atom, a hydroxyl group, a substituted or unsubstituted hydrazino group, a substituted or unsubstituted alkyl group, a substituted or unsubstituted aryl group, a substituted or unsubstituted heterocyclic group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryloxy group, a substituted or unsubstituted carbamoyl group, or a substituted or unsubstituted amino group; or R³ and R⁴ are taken together to form a heterocyclic group; X¹ represents a divalent group; and n represents 0 or 1, provided that when n is 0, R⁴ represents an alkyl group, an aryl group, or a heterocyclic group,

and a compound represented by formula (II):



wherein R^5 represents a substituted alkylene group; and R^6 , R^7 , R^8 , and R^9 , which may be the same or different, each represents a hydrogen atom, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aryl group,

and said color developer is replenished at a replenishment rate of from 20 to 120 ml per m^2 of the photographic material. The photographic material does not suffer from a variation of photographic characteristics when processed in continuous running even at a low replenishment rate of a color developer.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	EP-A-0 173 203 (AGFA-GEVAERT AG) * claims; page 7, lines 1-6; page 7, line 12 - page 8, line 5 *; & JP - A - 61 70 552 (Cat. D) ---	1,8	G 03 C 7/30
A	US-A-3 141 771 (C.C. BARD et al.) * whole document * ---	1,2	
A	EP-A-0 201 033 (KONISHIROKU PHOTO INDUSTRY CO. LTD.) * claims *; & JP - A - 61 251 851 (Cat. D) ---	4,5	
A	PATENT ABSTRACTS OF JAPAN vol. 11, no. 68 (P-553)(2515), 28 February 1987; & JP - A - 61 230 145 (KONISHIROKU) 14.10.1986 ---	1	
A	WO-A-8 704 534 (KODAK) * claims * -----	5,7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 03 C 7/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 29-03-1990	Examiner STOCK H
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			