

Title (en)

Photographic chemicals with reduced dust fraction.

Title (de)

Fotochemikalien mit vermindertem Staubanteil.

Title (fr)

Agents photographiques à contenu réduit de poussière.

Publication

EP 0472007 A1 19920226 (DE)

Application

EP 91112641 A 19910727

Priority

DE 4025560 A 19900811

Abstract (en)

[origin: JPH04254853A] PURPOSE: To obtain a photographic processing chemical generating no dust or relatively small dust by incorporating a specific compound. CONSTITUTION: This photographic chemical consists essentially of an active principal agent and an assistant and further contains at least one kind of a compound expressed respectively by formula I and II or for example, at least one kind of a water soluble polymer such as polystyrene sulfonic acid and polyvinyl alcohol or a mixture of at least two kinds expressed by formula I and II are incorporated in the ratio of 0.5-100g per 1kg solid matter. In formula I and II, R expresses a 2-4C alkyl, (n) expresses 1-200 and R1 expresses 10-18C alkyl.

Abstract (de)

In fester Form formulierte fotografische Verarbeitungschemikalien, enthaltend die erforderlichen Wirk- und Hilfsstoffe sowie zusätzlich wenigstens eine Verbindung der Formel (I), <IMAGE> worin R: C2-C4-Alkyl und; n: 1 - 200 bedeuten, oder wenigstens eine Verbindung der Formel, R1OH (II) worin; R1: C10-C18-Alkyl bedeutet, oder wenigstens ein wasserlösliches Polymeres, z.B. aus der Reihe Polystyrolsulfonsäure und Polyvinylalkohol oder ein Gemisch wenigstens zweier vorgenannter Verbindungen, in einer Menge von 0,5 bis 100 g/kg Feststoff sind staubfrei oder staubarm.

IPC 1-7

G03C 5/26

IPC 8 full level

G03C 5/29 (2006.01); **G03C 5/26** (2006.01); **G03C 7/413** (2006.01); **G03C 7/42** (2006.01)

CPC (source: EP US)

G03C 5/265 (2013.01 - EP US)

Citation (search report)

- [Y] US 3981732 A 19760921 - EMOTO TAKEO, et al
- [Y] DE 2314516 A1 19731011 - TAKEDA CHEMICAL INDUSTRIES LTD
- [A] GB 2195783 A 19880413 - DU PONT
- [A] DE 2940156 A1 19800417 - CIBA GEIGY AG
- [A] EP 0204372 A1 19861210 - CHEMCO INC [NL]

Cited by

US5460937A; EP0638843A3; WO9411783A1

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

EP 0472007 A1 19920226; EP 0472007 B1 19970205; DE 4025560 A1 19920213; DE 59108527 D1 19970320; JP 2904969 B2 19990614; JP H04254853 A 19920910; US 5258268 A 19931102

DOCDB simple family (application)

EP 91112641 A 19910727; DE 4025560 A 19900811; DE 59108527 T 19910727; JP 21938291 A 19910806; US 73652791 A 19910726