

Title (en)

Silver halide recording material for generation of negative images with ultrahigh contrast

Title (de)

Silberhalogenid-Aufzeichnungsmaterial zur Erzeugung von Negativbildern mit ultrasteilem Kontrast

Title (fr)

Matériau d'enregistrement à halogénure d'argent pour préparation d'images négatives à contraste très élevé

Publication

**EP 0733939 B1 19990630 (DE)**

Application

**EP 96104328 A 19960319**

Priority

DE 19510614 A 19950323

Abstract (en)

[origin: EP0733939A1] The novel feature in a light-sensitive Ag halide material esp. used for high contrast black-and-white negatives is that the contrast-increasing or "booster" cpd. used in combination with a hydrazine cpd. in the light-sensitive or adjoining layer contains a tert. amino gp. and also a sulphonyl-urea or -urethane or sulphuryl-diamide gp., esp. being a cpd. of formula (A), (B) or (C), where R<1>-R<4> = opt. substd. 1-6C alkyl or opt. substd. benzyl or R<1>/R<2> or R<3>/R<4> form a 5-12 membered ring with the attached N, the ring opt. contg. O, carbonyl gps. and/or further N atoms; X, X<1> and X<2> = divalent gps.; R = alkyl, aralkyl or aryl (each opt. substd.) or, when bonded to N, also H S = -SO<sub>2</sub>.NR<5>.CO.NR<6>- , -SO<sub>2</sub>.NR<7>.COO- or -NR<8>.SO<sub>2</sub>.NR<9> - each attached as such or in reverse order in (A)-(C); and R<5>-R<9> = H or opt. substd. 1-6C alkyl or opt. substd. benzyl.

IPC 1-7

**G03C 1/06**

IPC 8 full level

**G03C 5/29** (2006.01); **G03C 1/035** (2006.01); **G03C 1/06** (2006.01); **G03C 1/295** (2006.01); **G03C 5/26** (2006.01); **G03C 5/30** (2006.01)

CPC (source: EP US)

**G03C 1/061** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0733939 A1 19960925**; **EP 0733939 B1 19990630**; DE 19510614 A1 19960926; DE 59602310 D1 19990805; JP 2782703 B2 19980806; JP H08304947 A 19961122; US 5783357 A 19980721

DOCDB simple family (application)

**EP 96104328 A 19960319**; DE 19510614 A 19950323; DE 59602310 T 19960319; JP 10309796 A 19960322; US 61640796 A 19960315