

Title (en)

Silver halide light-sensitive material with colloidal silica as protective colloid coated from layers without or with minimum amounts of gelatin as a binder material

Title (de)

Lichtempfindliches Silberhalogenidmaterial mit Kieselsäure-Schutzkolloid, das Schichten enthält, die kein oder ein Minimum an Gelatine als Bindemittel enthalten

Title (fr)

Produit à l'halogénure d'argent sensible à la lumière avec colloïde protecteur à base de silice colloïdale comprenant des couches qui ne contiennent pas de gélatine ou qui contiennent une quantité minimale de gélatine comme liant

Publication

EP 0831362 A1 19980325 (EN)

Application

EP 97202778 A 19970910

Priority

- EP 97202778 A 19970910
- EP 96202601 A 19960918

Abstract (en)

A light-sensitive silver halide photographic material is disclosed, said material comprising a support and one or more hydrophilic colloidal silver halide emulsion layers having silver halide crystals with colloidal silica as a protective colloid the said layer(s) having a gesi, defined as ratio by weight of gelatin binder to silver, in the range from 0 to less than 0.05 and a sisi, defined as ratio by weight of silica to silver, in the range from 0.01 to less than 0.10, wherein said weight of silver in the calculation of gesi and sisi is expressed as an equivalent amount of silver nitrate.

IPC 1-7

G03C 1/04; **G03C 5/16**

IPC 8 full level

G03C 1/04 (2006.01); **G03C 5/16** (2006.01)

CPC (source: EP)

G03C 1/04 (2013.01); **G03C 5/16** (2013.01); **G03C 2005/168** (2013.01); **G03C 2200/39** (2013.01); **G03C 2200/47** (2013.01)

Citation (search report)

- [DY] EP 0528476 A1 19930224 - AGFA GEVAERT NV [BE]
- [Y] GB 1276894 A 19720607 - AGFA GEVAERT AG [DE]
- [A] EP 0517961 A1 19921216 - AGFA GEVAERT NV [BE]
- [A] EP 0670517 A2 19950906 - KONISHIROKU PHOTO IND [JP]
- [A] US 3637391 A 19720125 - SALECK WILHELM, et al
- [A] US 4001022 A 19770104 - SAHYUN MELVILLE R V

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0831362 A1 19980325

DOCDB simple family (application)

EP 97202778 A 19970910