

Title (en)

Photographic element with improved scratch resistance

Title (de)

Photographisches Element mit verbesserter Kratzfestigkeit

Title (fr)

Élément photographique ayant une résistance à l'abrasion améliorée

Publication

**EP 0813109 A1 19971217 (EN)**

Application

**EP 97201695 A 19970604**

Priority

US 66403196 A 19960613

Abstract (en)

A photographic element having improved scratch resistance and abrasion resistance is disclosed. The imaging element includes a support, at least one light-sensitive layer, and a protective layer. The protective layer has a UV ray absorbing dye layer which includes a UV ray absorbing dye, a high boiling point organic solvent and a hydrophilic binder. The protective layer has an outermost layer which includes a matting agent and a modified gelatin having at least one carboxylic acid moiety where at least one carboxylic acid moiety of gelatin is modified into a monoamide of a polyamine whereby at least one additional amine group is introduced.

IPC 1-7

**G03C 1/76**; **G03C 1/815**; **G03C 1/047**

IPC 8 full level

**G03C 1/047** (2006.01); **G03C 1/76** (2006.01); **G03C 1/815** (2006.01); **G03C 1/95** (2006.01)

CPC (source: EP)

**G03C 1/047** (2013.01); **G03C 1/7614** (2013.01); **G03C 1/815** (2013.01)

Citation (search report)

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- [A] EP 0614930 A1 19940914 - AGFA GEVAERT NV [BE]
- [A] GB 1477410 A 19770622 - FUJI PHOTO FILM CO LTD
- [A] US 4181527 A 19800101 - KOIZUMI JUNJI [JP], et al

Designated contracting state (EPC)

AT BE CH LI

DOCDB simple family (publication)

**EP 0813109 A1 19971217**; JP H1062901 A 19980306

DOCDB simple family (application)

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