

Title (en)

A novel core-shell latex for use in photographic materials

Title (de)

Neuer Kern-Hülle Latex zur Verwendung in photographischen Materialien

Title (fr)

Latex noyau-enveloppe nouveau pour emploi en matériaux photographiques

Publication

**EP 0699952 B1 20010516 (EN)**

Application

**EP 95201779 A 19950629**

Priority

- EP 95201779 A 19950629
- EP 94202476 A 19940830

Abstract (en)

[origin: EP0699952A1] A photographic material is provided comprising a support, a subbing layer, at least one hydrophilic gelatinous silver halide emulsion layer, optionally one or more other hydrophilic gelatinous layer(s) and a core-shell latex polymer, comprising a core (co)polymer and a shell (co)polymer characterised in that (i) said core-shell latex is present in at least one of said hydrophilic gelatinous layers, (ii) said shell (co)polymer comprises moieties A derived from at least one ethylenically unsaturated monomer having a reactive methylene group and (iii) said moieties A present in said shell (co)polymer make up between 1 and 30 % by weight of all moieties present in both said core and said shell (co)polymer and (iv) said moieties A present in said shell (co)polymer make up between 2 and 50 % of all moieties present in said shell (co)polymer. The material shows both high dimensional stability and high scratch resistance.

IPC 1-7

**G03C 1/053**

IPC 8 full level

**G03C 1/053** (2006.01)

CPC (source: EP)

**G03C 1/053** (2013.01)

Cited by

US5804357A; US6027805A; US6087081A

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0699952 A1 19960306; EP 0699952 B1 20010516**

DOCDB simple family (application)

**EP 95201779 A 19950629**