

Title (en)

Silver halide photographic element and process for preparing a dispersion of discrete particles of water insoluble polymeric matting agent in aqueous compositions.

Title (de)

Photographischer Silberhalogenidelement und Verfahren zur Herstellung einer Dispersion diskreter Teilchen eines wasserunlöslichen polymeren Mattierungsmittels in wässrigen Zusammensetzungen.

Title (fr)

Élément photographique à l'halogénure d'argent et procédé pour la préparation d'une dispersion des particules discrètes d'un agent polymérique insoluble dans l'eau dans des compositions aqueuses.

Publication

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Application

EP 91115719 A 19910917

Priority

IT 2164890 A 19901005

Abstract (en)

A process for providing a matt surface on a photographic element, which element comprises a support base, one or more light sensitive silver halide emulsion layers coated on said support base and at least one outer non-light sensitive protective layer, said process comprising: (1) providing a dispersion of a polymeric matting agent in water, (2) mixing the dispersion of step (1) in a hydrophilic colloid aqueous solution, (3) including the resulting hydrophilic colloid dispersion in said outer non-light sensitive protective layer, wherein said mixing step (2) is performed in presence of a stilbene polysulfonate compound. A silver halide photographic element comprising a support base, one or more light-sensitive silver halide emulsion layers and at least one outer non-light-sensitive gelatin protective layer comprising discrete particles of a polymeric matting agent and a stilbene polysulfonate compound.

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CPC (source: EP)

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Citation (search report)

- [Y] DE 1955898 A1 19701001 - AGFA GEVAERT AG
- [Y] CH 330158 A 19580531 - TYPON AG [CH]
- [YD] FR 2357929 A1 19780203 - FUJI PHOTO FILM CO LTD [JP]

Cited by

US7173778B2; US8728623B2; US7332217B2; US7267850B2; US7101618B2; US7718264B2; US8147966B2; US8476398B2; US8729211B2; US8981151B2

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