

Title (en)

Process for preparing silver halide photographic light-sensitive material for photo-mechanical process.

Title (de)

Verfahren zur Herstellung einer photographischen Silberhalogenid-Emulsion für eine photomechanische Reproduktion.

Title (fr)

Procédé pour la préparation d'émulsions photographiques aux halogénures d'argent.

Publication

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Application

EP 84301104 A 19840221

Priority

JP 2892983 A 19830223

Abstract (en)

A process for preparing a silver halide photographic light-sensitive material for photo-mechanical process is disclosed. The process involves coating a light-sensitive silver halide emulsion layer on a support and then coating a light-insensitive upper layer on the emulsion layer. The upper layer is comprised of a hydrophilic colloid and is coated on an upper portion of the emulsion layer. A composite solution is then coated on the light-insensitive upper layer. The composite solution is comprised of a solution which includes a non-diffusion polymeric hardener in a gelatin solution in an amount sufficient to make the melting time of the layer made by the gelatin solution larger than the melting time of the emulsion layer. The composite solution is coated in an amount such that the gelatin coating amount is in the range of 0.05 g/m² to 0.5 g/m². The resulting material has an improved aptitude for reduction treatment which is obtained without increasing the amount of silver coated on the support. The coating layers formed are excellent with respect to transparency.

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