Title (en)

Process of preparing a monodispersed tabular silver halide grain emulsion

Title (de)

Verfahren zur Herstellung von Emulsionen mit monodispersen Silberhalogenidtafelkörnen

Title (fr)

Procédé de préparation d'un émulsion à grain tabulaire à l'halugénure d'argent monodisperse

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0735412A1] The present invention relates to a process for preparing tabular silver halide grain emulsions, said process comprising the following steps: (a) forming a population of silver halide nuclei in a dispersing medium, (b) ripening said population of silver halide nuclei, and (c) growing said population of silver halide nuclei to form tabular silver halide grains, characterized in that a polyalkylene oxide-polyalkylsiloxane copolymer is added during at least one of said steps (a), (b), and (c). The presence of the polyalkylene oxide-polyalkylsiloxane copolymer during tabular silver halide grain formation enable the growth of tabular silver halide grain emulsions having a reduced amount of non-conforming grains and a lower coefficient of variation (COV).

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