

Title (en)

PROCESS FOR PREPARING A PHOTOGRAPHIC EMULSION CONTAINING TABULAR GRAINS EXHIBITING HIGH SPEED

Publication

EP 0263508 B1 19900411 (EN)

Application

EP 87114626 A 19871007

Priority

US 91750586 A 19861010

Abstract (en)

[origin: EP0263508A2] Process for preparing a photographic emulsion containing tabular silver halide grains, which exhibit high speed upon sensitization, having a thickness of about 0.05 to 0.5 μm , average grain volume of about 0.05 to 1.0 μm^3 and mean aspect ratio of greater than 2:1 comprising A. adding silver nitrate to a vessel containing dispersing medium/bromide mixture, initial bromide ion concentration 0.08 to 0.25 N, to form tabular seed grains; B. adding an ammoniacal base solution, to achieve 0.002 to 0.2 normal of the base (e.g., after at least 2% of total silver nitrate has been added); and C. adding additional silver nitrate and halide, i.e., Br^- or BrI^- , by balanced double jet procedure. The emulsions are used in photographic elements for x-ray, graphic arts, etc. a

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G03C 1/005

IPC 8 full level

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Cited by

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