

Title (en)

Silver halide photographic emulsions and process for preparing the same.

Title (de)

Photographische Silberhalogenidemulsionen und Verfahren zu deren Herstellung.

Title (fr)

Emulsions photographiques à l'halogénure d'argent et procédé pour les préparer.

Publication

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Application

EP 89100764 A 19890118

Priority

- JP 785288 A 19880118
- JP 785388 A 19880118

Abstract (en)

A silver halide photographic emulsion comprising a dispersion medium and silver halide grains, in which the silver halide grains contain a silver halide phase containing 3 mol% or more silver iodide and the distribution of the silver iodide in the silver iodide-containing silver halide phase is completely uniform. Preferably, tabular silver halide grains having mean aspect ratio larger than 2/1 account for at least 50 % of the total projected area of the silver halide grains in the emulsion. Because of the completely uniform silver iodide distribution in the silver halide grains, the emulsion has excellent photographic characteristics in terms of sensitivity, gradation, graininess, sharpness, resolving power, covering power, storability, latent image stability and pressure-resistance.

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G03C 1/02

IPC 8 full level

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CPC (source: EP)

G03C 1/0051 (2013.01); **G03C 1/18** (2013.01); **G03C 2001/0473** (2013.01)

Citation (search report)

- [X] FR 2108386 A5 19720519 - FUJI PHOTO FILM CO LTD
- [A] JOURNAL FÜR SIGNALAUFZEICHNUNGSMATERIALEN, vol. 14, no. 5, 1986, pages 377-379, Berlin, DD; WANG SU-E et al.: "Untersuchung der Herstellung, Strukturen und Eigenschaften von tafelförmigen Silberhalogenidkristallen - Die Verteilung von Iodidionen in verschiedenen Strukturen von tafelförmigen Silberhalogenidkristallen und ihre Ionenleitfähigkeitseigenschaften"

Cited by

EP0416881A3; EP0443475A3; EP0368275A1; US5262294A; US5320938A; EP0543319A1; US5420002A; EP0509519A3; US5432051A; EP1022613A3; EP0531052A1; EP0451859A1; US5534399A; EP0362699A3; EP0517434A1; US5318887A; EP0480294A1; US5273871A; EP0608464A1; US5360703A; EP0549986A1; US5332657A; US6518008B1; EP0378236B1; EP0374852B1

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