

Title (en)
PROCESS FOR PREPARING SILVER HALIDE EMULSION

Publication
EP 0097720 B1 19861126 (EN)

Application
EP 83900062 A 19821220

Priority
JP 20552481 A 19811219

Abstract (en)
[origin: EP0097720A1] A process for preparing a silver halide emulsion containing core shell type silver halide grains, which comprises using silver halide grains of octahedral or tetradecahedral crystals having a (1 1 1) face substantially comprising silver bromiodide and having a variation coefficient of particle size distribution of 0.18 or less, and subjecting them to gold-sulfur sensitization or gold-selenium sensitization in the presence of a nitrogen-containing heterocyclic compound capable of forming a complex with silver or its ion. This emulsion shows a remarkably high photographic sensitivity and less reciprocity law failure in high illuminance region, and undergoes less fogging, thus being suitable as a silver halide photographic light-sensitive material.

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G03C 1/02

IPC 8 full level
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Citation (examination)
• JP S5063914 A 19750530
• JP S5177223 A 19760705 - FUJI PHOTO FILM CO LTD
• PHOTOGRAPHIC SCIENCE & ENGINEERING, vol. 24, no. 1, January/February 1980, WASHINGTON (US), D. CORBIN et al.: "Effects of stabilizers on chemical sensitization of silver halide emulsions", pages 45-49

Cited by
EP0178097A3; US5244782A; EP0147854A3; EP0302528A3; EP0566075A1; EP0589649A1; US5380643A

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