

Title (en)

PROCESS FOR PREPARING SILVER HALIDE EMULSION.

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER SILBERHALIDEMULSION.

Title (fr)

PROCEDE DE PREPARATION D'UNE EMULSION D'HALOGENURE D'ARGENT.

Publication

**EP 0097720 A4 19840810 (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.

IPC 1-7

**G03C 1/02**

IPC 8 full level

**G03C 1/005** (2006.01); **G03C 1/015** (2006.01); **G03C 1/035** (2006.01); **G03C 1/08** (2006.01); **G03C 1/09** (2006.01)

CPC (source: EP)

**G03C 1/015** (2013.01); **G03C 1/035** (2013.01); **G03C 2001/03529** (2013.01); **G03C 2001/03535** (2013.01); **G03C 2001/03564** (2013.01); **G03C 2200/06** (2013.01)

Citation (search report)

- [X] GB 1085638 A 19671004 - EASTMAN KODAK CO
- [Y] FR 1450841 A 19660624 - KODAK PATHE
- [X] PHOTOGRAPHIC SCIENCE & ENGINEERING, vol. 24, no. 1, January/February 1980, WASHINGTON (US)

Cited by

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

Designated contracting state (EPC)

BE DE FR NL

DOCDB simple family (publication)

**EP 0097720 A1 19840111**; **EP 0097720 A4 19840810**; **EP 0097720 B1 19861126**; DE 3274500 D1 19870115; GB 2125981 A 19840314; GB 2125981 B 19860212; GB 8322389 D0 19830921; JP H0353619 B2 19910815; JP S58126526 A 19830728; WO 8302174 A1 19830623

DOCDB simple family (application)

**EP 83900062 A 19821220**; DE 3274500 T 19821220; GB 8322389 A 19821220; JP 20552481 A 19811219; JP 8200471 W 19821220