

Title (en)

Process for preparation of seed crystal emulsion

Title (de)

Verfahren zur Herstellung einer Keimkristallemulsion

Title (fr)

Procédé pour la préparation d'émulsion de cristaux d'ensemencement

Publication

**EP 0613042 A2 19940831 (EN)**

Application

**EP 94102737 A 19940223**

Priority

- JP 5928693 A 19930225
- JP 9165193 A 19930419

Abstract (en)

A silver halide emulsion is described, comprising tabular silver halide grains having an aspect ratio of not less than 3.0 and a grain diameter of not less than 0.8  $\mu\text{m}$  as calculated in terms of sphere in a proportion of not less than 50% of all silver halide grains as calculated in terms of projected area, prepared by a process which comprises desalting a silver halide emulsion comprising tabular silver halide grains having an aspect ratio of not less than 2.0 in a proportion of not less than 50% of all silver halide grains as calculated in terms of projected area, and then using the emulsion as a seed crystal emulsion. A silver halide photographic material comprising a support having provided thereon at least one layer containing the silver halide emulsion and a process for the preparation of the seed crystal emulsion are also described.

IPC 1-7

**G03C 1/005; G03C 1/10; G03C 1/34**

IPC 8 full level

**G03C 1/005 (2006.01); G03C 1/34 (2006.01); G03C 1/015 (2006.01); G03C 1/047 (2006.01); G03C 1/07 (2006.01); G03C 1/10 (2006.01)**

CPC (source: EP)

**G03C 1/0051 (2013.01); G03C 1/346 (2013.01); G03C 1/015 (2013.01); G03C 1/047 (2013.01); G03C 1/07 (2013.01); G03C 1/10 (2013.01); G03C 2001/0055 (2013.01); G03C 2001/0152 (2013.01); G03C 2001/03511 (2013.01); G03C 2001/03558 (2013.01); G03C 2001/0473 (2013.01); G03C 2200/43 (2013.01); G03C 2200/59 (2013.01)**

Cited by

US6730467B1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0613042 A2 19940831; EP 0613042 A3 19970820; EP 0613042 B1 20050817; DE 69434455 D1 20050922; DE 69434455 T2 20060216**

DOCDB simple family (application)

**EP 94102737 A 19940223; DE 69434455 T 19940223**