

Title (en)
Silver halide photographic emulsion.

Title (de)
Photographische Silberhalogenidemulsion.

Title (fr)
Emulsion photographique à l'halogénure d'argent.

Publication
EP 0531052 A1 19930310 (EN)

Application
EP 92307827 A 19920827

Priority
JP 22727591 A 19910906

Abstract (en)
This invention relates to a light-sensitive silver halide photographic emulsion comprising: tabular silver halide grains having a total projected area of at least 50% of all the grains in said emulsion, an average silver iodide content of said tabular silver halide grains being at least 5 mol%, each said tabular silver halide grains having an internal phase and an outermost layer, said internal phase having an silver iodide content of at least 18 mol%, said outermost layer having an silver iodide content of not more than 0.4 mol%, wherein a sectional plane cutting each said silver halide grain in a direction that passes through the center of said tabular silver halide grain and being perpendicular to two parallel major faces satisfies the following relation: $90/100 \leq a/b \leq 100/90$ where a is an average silver iodide content of a region that are defined by a distance over $9d/20$ as measured from the center of said tabular silver halide grain in a direction perpendicular to the major faces (where d is the distance between the two parallel major faces in association with the sectional plane), and b is an average silver iodide content of a region that are defined by a distance over $9l/20$ as measured from the center of said tabular silver halide grains in a direction parallel to the principal planes (where l is the distance between two opposing surfaces of the grain as measured in a direction that passes through the center of said tabular silver halide grain and which is parallel to the major faces in association with the sectional plane).

IPC 1-7
G03C 1/005

IPC 8 full level
G03C 1/035 (2006.01); **G03C 1/005** (2006.01)

CPC (source: EP)
G03C 1/0051 (2013.01)

Citation (search report)
• [XP] EP 0484927 A1 19920513 - KONISHIROKU PHOTO IND [JP]
• [XD] EP 0326853 A1 19890809 - FUJI PHOTO FILM CO LTD [JP]
• [XD] PATENT ABSTRACTS OF JAPAN vol. 12, no. 354 (P-761)(3201) 22 September 1988 & JP-A-63 106 746 (FUJI PHOTO FILM COMPANY LTD.)

Cited by
EP0616255A1; EP0660176A3; EP0634690A1; US5591570A; EP0618484B1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0531052 A1 19930310; EP 0531052 B1 19970129; DE 69217146 D1 19970313; DE 69217146 T2 19970605; JP H0566510 A 19930319

DOCDB simple family (application)
EP 92307827 A 19920827; DE 69217146 T 19920827; JP 22727591 A 19910906