

Title (en)

Silver halide photographic material.

Title (de)

Fotografisches Silberhalogenidmaterial.

Title (fr)

Matériau photographique à l'halogénure d'argent.

Publication

EP 0580179 A1 19940126 (EN)

Application

EP 93111933 A 19930726

Priority

JP 21843392 A 19920724

Abstract (en)

A silver halide photographic material comprising a support and a silver halide emulsion layer provided thereon. The silver halide emulsion is prepared by nuclear formation, crystal growth and chemical sensitization. All or a part of the nuclear formation or the crystal growth is conducted in the presence of a hexa-coordinated cyano-complex to introduce the complex into crystal lattice of the silver halide. The chemical sensitization is conducted using a gold sensitizer. The silver halide emulsion is prepared using a synthetic polymer as a protective colloid in place of gelatin. Even though gelatin is used in preparation of the emulsion, the amount of gelatin is not more than 10 g per 1 mol of silver.

IPC 1-7

G03C 1/015; **G03C 1/04**; **G03C 1/08**; **G03C 1/09**

IPC 8 full level

G03C 1/015 (2006.01); **G03C 1/04** (2006.01); **G03C 1/047** (2006.01); **G03C 1/07** (2006.01); **G03C 1/08** (2006.01); **G03C 1/09** (2006.01)

CPC (source: EP)

G03C 1/015 (2013.01); **G03C 1/04** (2013.01); **G03C 1/08** (2013.01); **G03C 1/09** (2013.01)

Citation (search report)

- [A] BE 750430 A 19701016 - FUJI PHOTO FILM CO LTD
- [AD] US 3690888 A 19720912 - BACON ROBERT ELWIN, et al
- [A] THE JOURNAL OF PHOTOGRAPHIC SCIENCE vol. 11, 1963, LONDON GB pages 140 - 144 H.W.WOOD 'photographic action of complex cyanides'

Cited by

EP0613044A3; US9872501B2

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