Title (en)

HIGH SENSITIVITY, HIGH GRAININESS LIGHT-SENSITIVE SILVER HALIDE PHOTOGRAPHIC MATERIAL

Publication

EP 0309119 A3 19890607 (EN)

Application

EP 88308279 A 19880907

Priority

JP 23556987 A 19870919

Abstract (en)

[origin: EP0309119A2] A light-sensitive silver halide photographic material having at least one layer of emulsion layer containing an emulsion which is a silver halide emulsion containing silver iodobromide grains having 3 or more phases of silver bromide or silver iodobromide with different compositions, the emulsion having, in the diffraction signal according to powdery X-ray diffraction, 3 or more diffraction maximums based on the diffraction peak corresponding to the maximum iodine content phase, the diffraction peak corresponding to the minimum iodine content phase and one or plural number of diffraction peaks corresponding to the intermediate iodine content phase comprising intermediate compositions between the maximum iodine content phase and the minimum iodine content phase, and two or more diffraction minimums therebetween. According to the present invention, there can be obtained a light-sensitive silver halide photographic material with high sensitivity and high graininess.

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G03C 1/02

IPC 8 full level

G03C 1/035 (2006.01); **G03C 1/46** (2006.01)

CPC (source: EP)

G03C 1/035 (2013.01); G03C 2001/03511 (2013.01); G03C 2001/03535 (2013.01); G03C 2001/03558 (2013.01)

Citation (search report)

- [X] DE 3310609 A1 19831006 - MINNESOTA MINING & MFG [US]
- [XD] JOURNAL OF PHOTOGRAPHIC SCIENCE, vol. 10, pages 129-134, Royal Photograhpic Society, London, GB; H. HIRSCH: "Photographic emulsion grains with cores. Part 1. Evidence for the presence of cores"

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