

Title (en)

Method for the preparation of iodobromide emulsions containing monodisperse tabular grains.

Title (de)

Verfahren zur Herstellung von Jodobromid-Emulsionen, die monodisperse tabulare Körner enthalten.

Title (fr)

Méthode pour la préparation d'émulsions d'iodobromure contenant des grains tabulaires monodispersés.

Publication

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Application

EP 92200498 A 19920220

Priority

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- EP 91200508 A 19910308

Abstract (en)

A method is disclosed for the preparation of a silver bromide or iodobromide emulsion containing monodisperse tabular grains accounting for at least 50 % of the total projected area of all grains, wherein the coefficient of variation of the grain size distribution of said tabular grains is at most 15 %, characterized in that an aminoazaindene is added at any stage of the emulsion preparation before 50 % of the total silver halide is precipitated. Preferred classes of aminoazaindenes are adenine derivatives and 4-amino-pyrazolo-pyrimidine derivatives. Most preferred substances are adenine and 4-amino-pyrazolo[3,4d]pyrimidine.

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Citation (search report)

- [AD] EP 0288949 A2 19881102 - DU PONT [US]
- [A] JOURNAL OF INFORMATION RECORDING MATERIALS vol. 14, no. 1, January 1986, BERLIN, DD pages 21 - 35; M.SZÜCS, P.KISS: 'Der Einfluß der Struktur von Purinderivaten auf das Wachstum von Silberbromidkristallen'

Cited by

US5702879A; US5411853A; US5750326A; US6933102B2; US5411851A; US5616455A; US5418125A; US6228573B1

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