

Title (en)

Method of preparing a silver chlorobromide emulsion

Title (de)

Verfahren zur Herstellung einer Silberchlorobromidemulsion

Title (fr)

Procédé de préparation d'une émulsion au chlorobromure d'argent

Publication

EP 1382998 A1 20040121 (EN)

Application

EP 02077820 A 20020715

Priority

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Abstract (en)

The invention relates to a method of preparing regular shaped non-tabular high chloride silver halide host crystals, more particularly host crystals on which silver bromide is selectively deposited on the edges and/or corners of said host crystals. Silver halide crystals are prepared, which exhibit excellent high intensity reciprocity law failure and are suitable for high intensity, short time exposure. The method comprises a nucleation and a growth step in which a first peptizer having a binding capacity to silver ions of less than 55 millivolts measured at pH 5 and a second peptizer having a binding capacity to silver ions of at least 55 millivolts measured at pH 5 are present during at least the growth step.

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G03C 1/047; **G03C 1/015**

IPC 8 full level

G03C 1/015 (2006.01); **G03C 1/047** (2006.01)

CPC (source: EP)

G03C 1/015 (2013.01); **G03C 1/047** (2013.01)

Citation (search report)

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- [Y] EP 0843208 A1 19980520 - AGFA GEVAERT NV [BE]
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- [Y] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 02 29 February 1996 (1996-02-29)
- [Y] DATABASE WPI Section Ch Week 199601, Derwent World Patents Index; Class G06, AN 1996-007499, XP002222436

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