

Title (en)

High tabularity high chloride emulsions of exceptional stability.

Title (de)

Hochchloridhaltige Emulsionen hoher Tafelförmigkeit von aussergewöhnlicher Stabilität.

Title (fr)

Emulsions à haute teneur en chlorure et à haute tabularité de stabilité exceptionnelle.

Publication

**EP 0534395 A1 19930331 (EN)**

Application

**EP 92116262 A 19920923**

Priority

- US 76486891 A 19910924
- US 82633892 A 19920127

Abstract (en)

A radiation sensitive emulsion is disclosed containing a silver halide grain population comprised of at least 50 mole percent chloride, based on total silver forming the grain population. Greater than 30 percent of the grain population projected area is accounted for by tabular grains having a thickness of less than 0.3  $\mu\text{m}$  and having  $\sim 1000$  major faces. In one preferred form of the invention tabular grains are formed by nucleation in the presence of iodide with chloride accounting for at least 50 mole percent of the halide present in the dispersing medium and the pCl of the dispersing medium being maintained in the range of from 0.5 to 3.5. <IMAGE>

IPC 1-7

**G03C 1/005**

IPC 8 full level

**G03C 1/00** (2006.01); **G03C 1/005** (2006.01); **G03C 1/015** (2006.01); **G03C 1/035** (2006.01); **G03C 1/047** (2006.01); **G03C 1/07** (2006.01); **G03C 1/16** (2006.01); **G03C 1/18** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [AD] US 4386156 A 19830531 - MIGNOT ANDRE G E [FR]
- [X] PATENT ABSTRACTS OF JAPAN vol. 14, no. 169 (P-1032)(4112) 30 March 1990 & JP-A-02 024 643 ( FUJI PHOTO FILM COMPANY LTD. ) 26 January 1990

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