

Title (en)

Preparation of tabular grain emulsions with intermediate aspect ratio

Title (de)

Herstellung von Tafelkornemulsionen mit mittleren Aspektverhältnis

Title (fr)

Préparation des émulsions à grains tabulaires avec un indice de forme intermédiaire

Publication

**EP 0577886 B1 19961218 (EN)**

Application

**EP 92202114 A 19920710**

Priority

EP 92202114 A 19920710

Abstract (en)

[origin: EP0577886A1] A method is disclosed for the preparation of emulsions containing tabular grains with moderate aspect ratio and good monodispersity comprising following steps : performing a nucleation step, a physical ripening step, at least one growth step at a pBr value lower than 2, concentrating the reaction mixture volume by ultrafiltration during the precipitation steps in such a way that, at any moment when said ultrafiltration is applied, the ultrafiltration flux is equal to or greater than the sum of the flow rates of the silver ion and halogenide ion solutions.

IPC 1-7

**G03C 1/005**; **G03C 1/015**

IPC 8 full level

**G03C 1/00** (2006.01); **G03C 1/005** (2006.01); **G03C 1/015** (2006.01); **G03C 1/025** (2006.01); **G03C 1/035** (2006.01)

CPC (source: EP)

**G03C 1/0051** (2013.01); **G03C 1/015** (2013.01); **G03C 2001/0157** (2013.01)

Cited by

US5702879A; US5616455A; EP0871063A1; US6171738B1; US6878512B2

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0577886 A1 19940112**; **EP 0577886 B1 19961218**; DE 69216083 D1 19970130; DE 69216083 T2 19970612; JP 3225134 B2 20011105; JP H0667326 A 19940311

DOCDB simple family (application)

**EP 92202114 A 19920710**; DE 69216083 T 19920710; JP 18906493 A 19930630