

Title (en)

A process for the production of a photothermographic material.

Title (de)

Verfahren zur Herstellung eines photothermographischen Materials.

Title (fr)

Méthode pour la production d'un matériau photothermographique.

Publication

**EP 0227141 A1 19870701 (EN)**

Application

**EP 86202055 A 19861120**

Priority

EP 85201960 A 19851126

Abstract (en)

A process for the production of a photothermographic material including the steps: 1) producing inverted micelles having a polar core by mixing a surfactant in a non polar liquid medium in the presence water being used in a minor amount with respect to the non polar liquid, 2) allowing to react halide ions with silver ions in the polar core of said micelles obtaining thereby inverted micelles having in their core minute amounts of silver halide, 3) optionally introducing also in the core of said micelles an aqueous liquid medium comprising a hydrophilic colloid, e.g. gelatin, 4) forming a film forming photosensitive coating composition by mixing said micelles in said non polar liquid medium with a film forming polymeric organic binding agent that is soluble in said liquid medium, said liquid medium optionally also comprising a dissolved or dispersed developing agent for photo-exposed silver halide, and 5) coating said composition onto a support and allowing the non polar liquid to evaporate leaving a solid photosensitive layer on said support. u

IPC 1-7

**G03C 1/02**

IPC 8 full level

**G03C 1/498** (2006.01)

CPC (source: EP)

**G03C 1/498** (2013.01)

Citation (search report)

- [AD] US 3457075 A 19690722 - MORGAN DAVID A, et al
- [AD] FR 2090961 A5 19720114 - AGFA GEVAERT AG

Cited by

EP1371696A1; US5425993A; US5670099A; EP0782043A1; EP0775592A1; WO2015148028A1; US7300971B2; WO2004063240A1; EP0779539A1; WO2017123444A1; WO2016195950A1; US9746770B2; EP0845709A1; EP0775595A1; WO2016073086A1; US9523915B2

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

**EP 0227141 A1 19870701**; JP S62156653 A 19870711

DOCDB simple family (application)

**EP 86202055 A 19861120**; JP 27853486 A 19861121