

Title (en)

A silver halide imaging material and a method for obtaining an image according to the silver salt diffusion transfer process.

Title (de)

Silberhalogenid-Bildaufzeichnungsmaterial und Verfahren zur Erzeugung eines Bilds nach dem Silbersalz Diffusion-Übertragungsverfahren.

Title (fr)

Matériau pour l'enregistrement d'images à l'halogénure d'argent et procédé d'obtention d'une image selon le procédé de diffusion-transfert de sel d'argent.

Publication

**EP 0672943 A1 19950920 (EN)**

Application

**EP 95200289 A 19950207**

Priority

- EP 95200289 A 19950207
- EP 94200552 A 19940304

Abstract (en)

The present invention provides a method for obtaining an image according to the silver salt diffusion transfer process comprising the steps of: image-wise exposing an imaging material comprising on a support a photosensitive silver halide emulsion layer comprising a hydrophilic colloid and a waterpermeable top layer, that is essentially free from silver halide emulsion, comprising a hydrophilic colloid and being in waterpermeable contact with said photosensitive layer, developing said imaging material whilst in contact with an image receiving material comprising on a support an image receiving layer containing physical development nuclei using an aqueous alkaline processing solution in the presence of developing agent(s) and silver halide solvent(s) and separating said imaging material and image receiving material from each other, characterized in that the coverage of the hydrophilic colloids comprised in said top layer is not more than 0.4 g/m<sup>2</sup> and in that the coverage of the hydrophilic colloids comprised in said photosensitive layer is not more than 2.4 g/m<sup>2</sup>. The invention also provides an imaging material comprising a silver halide emulsion layer in water permeable contact with a water permeable base layer and a water permeable top layer which comprises not more than 0.4g/m<sup>2</sup> hydrophilic colloids.

IPC 1-7

**G03C 1/76**; **G03C 8/52**

IPC 8 full level

**G03C 1/76** (2006.01); **G03C 8/52** (2006.01)

CPC (source: EP)

**G03C 1/7614** (2013.01); **G03C 8/52** (2013.01)

Citation (search report)

- [X] GB 2110400 A 19830615 - FUJI PHOTO FILM CO LTD
- [X] US 4530898 A 19850723 - SPIEGAL ARNOLD [US]
- [A] EP 0383283 A2 19900822 - KONISHIROKU PHOTO IND [JP]
- [A] US 5272046 A 19931221 - SASAOKA SENZO [JP]
- [A] US 3893855 A 19750708 - CHARKOUDIAN JOHN C
- [A] US 3383211 A 19680514 - POELS JAN PIETER, et al
- [A] GB 869190 A 19610531 - AGFA AG
- [A] EP 0208346 A2 19870114 - AGFA GEVAERT NV [BE]
- [DA] EP 0306561 A1 19890315 - AGFA GEVAERT NV [BE]
- [A] US 3396018 A 19680806 - BEAVERS DOROTHY J, et al
- [DA] EP 0402523 A2 19901219 - MITSUBISHI PAPER MILLS LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 88 (P - 678)<2935> 23 March 1988 (1988-03-23)

Cited by

EP0816922A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0672943 A1 19950920**; **EP 0672943 B1 20000112**

DOCDB simple family (application)

**EP 95200289 A 19950207**