

Title (en)

Method for controlling the PH of an ascorbic acid type developer.

Title (de)

Verfahren zur pH-Wertkontrolle eines Ascorbinsäureentwicklers.

Title (fr)

Méthode pour contrôler le pH d'un révélateur de type acide ascorbique.

Publication

**EP 0552511 A1 19930728 (EN)**

Application

**EP 92204039 A 19921221**

Priority

EP 92200148 A 19920120

Abstract (en)

A method is disclosed for developing an exposed radiation-sensitive silver halide material by means of a developing solution containing an ascorbic acid type developing agent, characterized in that the alkalinity of the developing solution is maintained at a desired constant pH level by means of a redox potential measuring system, e.g. a carbon / calomel electrode pair or a platinum / calomel electrode pair. Preferred developing agents are l-ascorbic acid and iso-ascorbic acid. Equally disclosed is an apparatus for maintaining the pH of a ascorbic acid type developer at a constant value comprising a redox electrode system and a control arrangement capable of feeding an alkali solution to the developer.

IPC 1-7

**G01N 27/26**; **G03C 5/30**; **G03C 5/31**; **G03D 3/06**

IPC 8 full level

**G01N 27/416** (2006.01); **G03C 5/30** (2006.01); **G03C 5/31** (2006.01); **G03D 3/06** (2006.01); **G05D 21/00** (2006.01)

CPC (source: EP)

**G03C 5/30** (2013.01); **G03C 5/31** (2013.01); **G03D 3/065** (2013.01)

Citation (search report)

- [AD] FR 2089924 A5 19720107 - IPC SERVICES LTD
- [A] DE 767741 C 19530720 - RZYMKOWSKI JOHANNES DR-ING HAB
- [A] US 3964912 A 19760622 - PRICE HARRY J
- [A] DE 2738981 A1 19780309 - IBM
- [A] US 4505565 A 19850319 - TANAKA HIROSHI [JP]
- [APD] EP 0498968 A1 19920819 - AGFA GEVAERT NV [BE]
- [A] DATABASE WPIL Week 8449, Derwent Publications Ltd., London, GB; AN 84-304553 & JP-A-59 191 035 (FUJI PHOTO FILM KK) 30 October 1984

Cited by

CN108645970A; EP0708363A1; US5670303A; US5702875A; US5756271A; EP0731381A1; EP0732619A1; EP1085321A1; FR2798467A1; US6379877B1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0552511 A1 19930728**; JP H05313318 A 19931126

DOCDB simple family (application)

**EP 92204039 A 19921221**; JP 2061393 A 19930112