

Title (en)

A method of forming an image, and an imaging element for inhibiting image formation with cobalt (III) complexes.

Title (de)

Material zur Bildherstellung und Material zum Aufzeichnen des Bildes durch Inhibition auf Basis von Cobalt (III)-Komplexverbindungen.

Title (fr)

Méthode pour l'obtention d'une image et élément pour la formation d'une image par inhibition à base de complexes de cobalt (III).

Publication

EP 0003263 A1 19790808 (EN)

Application

EP 78300914 A 19781228

Priority

US 86527577 A 19771228

Abstract (en)

An imaging element contains an energy-activatable image precursor composition comprising a cobalt III complex having releasable ligands which react with an image forming material to form a visible image. The element also contains a photoinhibitor which, on activating exposure, inhibits the release of ligands from the cobalt III complex or inhibits their image forming action. Images may be formed by imagewise activating the photoinhibitor, preferably with radiation longer than 300 nm, and thereafter activating the image precursor composition, for instance by heating. Images of a different sense may be formed by varying the exposure and activation treatments of the element.

IPC 1-7

G03C 1/72; C07F 15/06; G03C 5/50; G03C 5/56

IPC 8 full level

G03C 1/67 (2006.01); **G03C 1/72** (2006.01); **G03C 5/56** (2006.01)

CPC (source: EP)

G03C 1/67 (2013.01); **G03C 5/56** (2013.01)

Citation (search report)

- FR 2267571 A1 19751107 - EASTMAN KODAK CO [US]
- US 3987037 A 19761019 - BONHAM JAMES A, et al

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FR2468148A1; EP0093556A3; EP0067714A3; EP0012855B1

Designated contracting state (EPC)

BE FR

DOCDB simple family (publication)

EP 0003263 A1 19790808; **EP 0003263 B1 19820929**; CA 1116915 A 19820126; GB 2012445 A 19790725; GB 2012445 B 19820714; JP S54500062 A 19791115; WO 7900448 A1 19790726

DOCDB simple family (application)

EP 78300914 A 19781228; CA 299193 A 19780317; GB 7850111 A 19781228; JP 50028278 A 19781227; US 7800259 W 19781227