

Title (en)

Stabilizers for cyan dyes in dye - ablative element

Title (de)

Stabilisatoren für Cyanfarbstoffe in Laserablationsaufzeichnungselement

Title (fr)

Stabilisateurs pour colorants cyanes utilisés pour un élément d'enregistrement par ablation à laser

Publication

EP 0755801 A1 19970129 (EN)

Application

EP 96420218 A 19960628

Priority

- US 151995 P 19950726
- US 62005596 A 19960321

Abstract (en)

A process of forming a single color, ablation image comprising imagewise-exposing by means of a laser, in the absence of a separate receiving element, a dye-ablative recording element comprising a support having thereon a dye layer comprising a cyan image dye dispersed in a polymeric binder, the dye layer having a nitrosophenol or nitrosonaphthol ferrous complex associated therewith, the dye layer also having an infrared-absorbing material associated therewith to absorb at a given wavelength of the laser used to expose the element, the cyan image dye not having substantial absorption at the wavelength of the laser used to expose the element, the laser exposure taking place through the dye side of said element, the laser exposure taking place through the dye side of the element, thereby imagewise-heating the dye layer and causing it to ablate, and removing the ablated material to obtain an image in said ablative recording element.

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CPC (source: EP)

B41M 5/24 (2013.01); **B41M 5/392** (2013.01)

Citation (search report)

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EP0841189A1; EP1129859A1

Designated contracting state (EPC)

DE FR GB

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