

Title (en)

Infrared laser heat sensitive recording material

Title (de)

Infrarotlaser wärmeempfindliches Aufzeichnungsmaterial

Title (fr)

Produits d'enregistrement sensible à la chaleur d'un laser infra-rouge

Publication

EP 0796742 A3 19980204 (EN)

Application

EP 97301832 A 19970318

Priority

JP 6342396 A 19960319

Abstract (en)

[origin: EP0796742A2] An infrared laser heat sensitive recording material is provided which includes a support and a heat sensitive layer provided thereon. The heat sensitive layer includes an organic silver salt, a developer for the organic silver salt, a water soluble binder, and a tricarbocyanine dye having at least two acidic groups whose maximum absorption wave length is at least 50 nm longer than a maximum absorption wave length of an aqueous solution of the tricarbocyanine dye and is in a range of 650 to 1300 nm. The present invention increases infrared laser light absorption efficiency, reduces degree of coloration of background, and enables recording of images with good quality.

IPC 1-7

B41M 5/32; **B41M 5/40**; **G03C 1/498**

IPC 8 full level

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Citation (search report)

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