

Title (en)

Heat-sensitive recording material.

Title (de)

Wärmeempfindliches Registriermaterial.

Title (fr)

Matériau d'enregistrement thermosensible.

Publication

EP 0489972 A1 19920617 (EN)

Application

EP 90203239 A 19901210

Priority

EP 90203239 A 19901210

Abstract (en)

A heat-sensitive recording material including a metal layer ablatable by high intensity laser beam light, wherein said metal layer covers directly or through a subbing layer a binder layer containing at least one dye or dye precursor which can be transferred to a receptor element by heat and/or liquid through holes made by laser beam exposure in said metal layer.

IPC 1-7

B41M 5/24; **B41M 5/38**

IPC 8 full level

B41M 5/24 (2006.01); **B41M 5/382** (2006.01); **B41M 5/42** (2006.01); **B41M 5/48** (2006.01); **B41M 5/385** (2006.01); **B41M 5/388** (2006.01); **B41M 5/39** (2006.01)

CPC (source: EP)

B41M 5/24 (2013.01); **B41M 5/38214** (2013.01); **B41M 5/426** (2013.01); **B41M 5/48** (2013.01); **B41M 5/38235** (2013.01); **B41M 5/385** (2013.01); **B41M 5/388** (2013.01); **B41M 5/39** (2013.01)

Citation (search report)

- [X] FR 2621762 A1 19890414 - THOMSON CSF [FR]
- [X] PATENT ABSTRACTS OF JAPAN vol. 9, no. 183 (M-400)(1906) 30 July 1985, & JP-A-60 52390 (DAI NIPPON INSATSU KABUSHIKI KAISHA) 25 March 1985,
- [X] PATENT ABSTRACTS OF JAPAN vol. 13, no. 193 (M-822)(3541) 09 May 1989, & JP-A-01 16686 (TOMOEGAWA PAPER COMPANY LIMITED) 20 January 1989,
- [X] XEROX DISCLOSURE JOURNAL. vol. 2, no. 3, May 1977, STAMFORD, CONN US page 33 W.L.Goffe: "Flash transfer of liquid ink from a back-screened donor"

Cited by

US5766827A; EP0636490A1; EP0618081A1; EP0582001A1; EP0644060A1; US5673077A; WO9626982A1; WO9320481A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0489972 A1 19920617

DOCDB simple family (application)

EP 90203239 A 19901210