

Title (en)

Thermal imageable recording material comprising a layer of a positive working IR sensitive mixture and method of producing lithographic printing plate for offset printing

Title (de)

Thermisch bebildersbares Aufzeichnungsmaterial mit einer Schicht aus einem positiv arbeitenden, IR-sensitiven Gemisch sowie Verfahren zur Herstellung einer Druckform für den Offsetdruck

Title (fr)

Matériau pour formation d'image par voie thermique avec couche contenant une composition sensible à l'infrarouge de type positif et procédé pour la fabrication d'un cliché pour impression offset

Publication

EP 0900653 B1 20020227 (DE)

Application

EP 98116562 A 19980902

Priority

DE 19739302 A 19970908

Abstract (en)

[origin: EP0900653A1] A positive-working, infrared (IR) sensitive mixture having a water-insoluble binder that dissolves or at least swells in aqueous alkali and containing dispersed carbon black particles, forms the radiation-sensitive component for differentiation of an image.

IPC 1-7

B41C 1/10; **B41M 5/36**; **B41M 5/40**

IPC 8 full level

G03F 7/039 (2006.01); **B41C 1/10** (2006.01); **B41M 5/36** (2006.01); **B41M 5/40** (2006.01); **B41M 5/44** (2006.01); **B41N 1/14** (2006.01); **B41M 5/41** (2006.01)

CPC (source: EP US)

B41C 1/1008 (2013.01 - EP US); **B41C 1/1016** (2013.01 - EP US); **B41M 5/44** (2013.01 - EP US); **B41C 2210/02** (2013.01 - EP US); **B41C 2210/06** (2013.01 - EP US); **B41C 2210/20** (2013.01 - EP US); **B41C 2210/24** (2013.01 - EP US); **B41C 2210/262** (2013.01 - EP US); **B41M 5/41** (2013.01 - EP US)

Cited by

EP1023994A1; EP1162063A3; US6670092B2; US6936404B2; WO0234517A1; EP1162063A2; US6472119B1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0900653 A1 19990310; **EP 0900653 B1 20020227**; DE 19739302 A1 19990311; DE 59803175 D1 20020404; JP H11147378 A 19990602; US 2002009671 A1 20020124

DOCDB simple family (application)

EP 98116562 A 19980902; DE 19739302 A 19970908; DE 59803175 T 19980902; JP 25435498 A 19980908; US 14921798 A 19980908