

Title (en)

Heat-sensitive lithographic printing plate precursor

Title (de)

Wärmeempfindlicher Flachdruckplattenvorläufer

Title (fr)

Précurseur de plaque d'impression lithographique sensible à la chaleur

Publication

EP 1440797 A3 20050629 (EN)

Application

EP 04100163 A 20040120

Priority

- EP 04100163 A 20040120
- EP 03100155 A 20030127

Abstract (en)

[origin: EP1440797A2] A positive working printing plate precursor is disclosed which comprises a hydrophilic support and a coating provided thereon which comprises in the order given a first layer containing an oleophilic resin soluble in an aqueous alkaline developer and a second layer comprising a water repellent-compound. Furthermore, the coating comprises an infrared absorbing dye containing a polysiloxane group providing a printing plate precursor with high sensitivity.

IPC 1-7

B41C 1/10; **B41N 1/08**

IPC 8 full level

B41C 1/10 (2006.01); **B41M 5/40** (2006.01); **B41M 5/46** (2006.01)

CPC (source: EP)

B41C 1/1016 (2013.01); **B41C 2210/02** (2013.01); **B41C 2210/06** (2013.01); **B41C 2210/14** (2013.01); **B41C 2210/22** (2013.01); **B41C 2210/24** (2013.01); **B41C 2210/262** (2013.01); **B41M 5/465** (2013.01)

Citation (search report)

- [A] EP 1256444 A1 20021113 - AGFA GEVAERT [BE]
- [A] EP 1249341 A1 20021016 - AGFA GEVAERT [BE]
- [A] EP 1080884 A1 20010307 - AGFA GEVAERT NV [BE]

Cited by

EP1767353A3; US7833689B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1440797 A2 20040728; **EP 1440797 A3 20050629**; **EP 1440797 B1 20071003**

DOCDB simple family (application)

EP 04100163 A 20040120