

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 1473156 A2 20041103 (EN)

Application

EP 04100162 A 20040120

Priority

- EP 04100162 A 20040120
- EP 03100154 A 20030127

Abstract (en)

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 perfluoroalkyl 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); **B41N 1/08** (2006.01); **G03F 7/00** (2006.01); **G03F 7/004** (2006.01); **G03F 7/075** (2006.01); **G03F 7/11** (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)

Cited by

US7087359B2; CN102010515A

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 1473156 A2 20041103; **EP 1473156 A3 20050323**; **EP 1473156 B1 20080220**; DE 602004011853 D1 20080403; DE 602004011853 T2 20090430; JP 2004341484 A 20041202

DOCDB simple family (application)

EP 04100162 A 20040120; DE 602004011853 T 20040120; JP 2004018894 A 20040127