

Title (en)

Heat-sensitive lithographic printing plate precursor.

Title (de)

Wärmeempfindlicher lithographischer Druckplattenvorläufer

Title (fr)

Précurseur de plaque d'impression lithographique sensible à la chaleur

Publication

**EP 1531042 A1 20050518 (EN)**

Application

**EP 04105542 A 20041105**

Priority

- EP 04105542 A 20041105
- EP 03104238 A 20031117

Abstract (en)

A heat sensitive lithographic printing plate precursor is disclosed comprising on a support having a hydrophilic surface or which is provided with a hydrophilic layer, a coating comprising an infrared light absorbing agent and a copolymer which comprises a plurality of recurring units X having a hydrophilic polymeric pendant group and a plurality of recurring units Y having a hydrophobic polymeric pendant group. Said coating is capable of switching from a hydrophilic state into a hydrophobic state after exposure to heat and/or infrared light.

IPC 1-7

**B41C 1/10**

IPC 8 full level

**B41C 1/10** (2006.01)

CPC (source: EP)

**B41C 1/1041** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1531042 A1 20050518; EP 1531042 B1 20090708**

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