

Title (en)

Heat-sensitive imaging element with cover layer for providing a lithographic printing plate

Title (de)

Wärmeempfindliches Aufzeichnungselement mit einer Deckschicht zur Herstellung lithographischer Druckplatten

Title (fr)

Élément formateur d'image sensible à la chaleur avec une couche protectrice pour la fabrication de plaques d'impression lithographiques

Publication

**EP 1065049 B1 20041110 (EN)**

Application

**EP 00201854 A 20000524**

Priority

- EP 00201854 A 20000524
- EP 99202108 A 19990629

Abstract (en)

[origin: EP1065049A1] According to the present invention there is provided a heat-sensitive material for making lithographic printing plates comprising on a lithographic support an image-forming layer comprising a hydrophilic binder, a cross-linking agent for a hydrophilic binder and dispersed hydrophobic thermoplastic polymer particles, characterized in that said image-forming layer is covered with a layer comprising at least one organic compound comprising cationic groups.

IPC 1-7

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

IPC 8 full level

**B41C 1/10** (2006.01); **B41M 5/36** (2006.01)

CPC (source: EP)

**B41C 1/1025** (2013.01); **B41M 5/368** (2013.01); **B41C 2210/04** (2013.01); **B41C 2210/08** (2013.01); **B41C 2210/22** (2013.01); **B41C 2210/24** (2013.01)

Cited by

EP1901124A1; US7297467B2; US6720130B1; EP1524113A2; US7445882B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1065049 A1 20010103**; **EP 1065049 B1 20041110**

DOCDB simple family (application)

**EP 00201854 A 20000524**