

Title (en)

Heat-sensitive lithographic printing plate precursor

Title (de)

Wärmeempfindlicher Vorläufer für eine Flachdruckplatte

Title (fr)

Précurseur thermosensible pour plaque lithographique

Publication

**EP 1106347 A1 20010613 (EN)**

Application

**EP 00126435 A 20001206**

Priority

JP 34631999 A 19991206

Abstract (en)

A development-free, heat-sensitive lithographic printing plate precursor comprising a support on which an image-forming layer and an overcoat layer are provided in this order: with the image-forming layer comprising hydrophobic thermoplastic polymer particles dispersed in a hydrophilic binder polymer, and with the overcoat layer being soluble in water and comprising a compound capable of converting light into heat.

IPC 1-7

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

IPC 8 full level

**G03F 7/004** (2006.01); **B41C 1/10** (2006.01); **B41N 1/14** (2006.01); **G03F 7/00** (2006.01); **G03F 7/11** (2006.01); **B41M 5/40** (2006.01); **B41M 5/46** (2006.01)

CPC (source: EP)

**B41C 1/1041** (2013.01); **B41M 5/465** (2013.01)

Citation (search report)

- [XY] EP 0816070 A1 19980107 - AGFA GEVAERT NV [BE]
- [X] WO 9851496 A1 19981119 - AGFA GEVAERT NV [BE], et al
- [Y] EP 0832739 A1 19980401 - AGFA GEVAERT NV [BE]
- [PX] EP 1025990 A1 20000809 - AGFA GEVAERT NV [BE]
- [A] EP 0931647 A1 19990728 - AGFA GEVAERT NV [BE]

Cited by

EP1524112A3; US6838226B2; US10568839B2; WO2004104706A1; US6899996B2; EP1524112A2; CN111670121A; EP3730308A4; US11319566B2; US11576870B2; US11878079B2; EP1142707B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1106347 A1 20010613**; **EP 1106347 B1 20080319**; AT E389536 T1 20080415; DE 60038354 D1 20080430; DE 60038354 T2 20090312; JP 2001162960 A 20010619

DOCDB simple family (application)

**EP 00126435 A 20001206**; AT 00126435 T 20001206; DE 60038354 T 20001206; JP 34631999 A 19991206