

Title (en)

Thermal transfer sheet for laser-induced marking of a lithographic printing cylinder

Title (de)

Thermotransferfolie zur laserinduzierten Bebilderung eines lithographischen Druckformzylinders

Title (fr)

Feuille pour transfert thermique pour l'enregistrement induit par laser d'un cylindre pour l'impression lithographique

Publication

EP 1075963 A3 20010516 (DE)

Application

EP 00116753 A 20000803

Priority

DE 19937478 A 19990807

Abstract (en)

[origin: EP1075963A2] In a thermal transfer foil with a donor layer on a substrate layer, the substrate comprises polymer(s) with mechanical stability at over 150 degrees C and/or over 70% transmission for light of wavelength 700-1600 nm; and the donor layer comprises a substance (I) converting laser light energy into thermal energy, a polymer with acid and/or (substituted) amide groups and optionally a wetting aid. Independent claims are also included for: (a) the production of this thermal transfer foil or tape; (b) compositions comprising component (b); (c) printing plates imaged by laser-induced transfer with composition (b).

IPC 1-7

B41M 5/38; B41C 1/10

IPC 8 full level

B41C 1/055 (2006.01); **B41C 1/10** (2006.01); **B41M 5/382** (2006.01); **B41M 5/385** (2006.01); **B41M 5/39** (2006.01); **B41M 5/392** (2006.01); **B41M 5/395** (2006.01); **B41M 5/46** (2006.01); **B41N 1/08** (2006.01); **B41N 1/10** (2006.01); **C08L 67/02** (2006.01); **C08L 69/00** (2006.01); **C08L 71/10** (2006.01); **C08L 101/12** (2006.01)

CPC (source: EP US)

B41C 1/1091 (2013.01 - EP US); **B41M 5/38207** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0727321 A1 19960821 - KONISHIROKU PHOTO IND [JP]
- [Y] EP 0787777 A1 19970806 - NIPPON CATALYTIC CHEM IND [JP]
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- [Y] DE 3941303 C1 19901213

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Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1075963 A2 20010214; EP 1075963 A3 20010516; EP 1075963 B1 20040526; CA 2315536 A1 20010207; CA 2315536 C 20050628; DE 19937478 A1 20010215; DE 19937478 B4 20040819; DE 50006568 D1 20040701; JP 2001096920 A 20010410; US 6677010 B1 20040113

DOCDB simple family (application)

EP 00116753 A 20000803; CA 2315536 A 20000807; DE 19937478 A 19990807; DE 50006568 T 20000803; JP 2000239033 A 20000807; US 63148300 A 20000803