

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]
- [Y] EP 0587282 A1 19940316 - COURTAULDS PLC [GB]
- [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