

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 B1 20040526 (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

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CPC (source: EP US)

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