

Title (en)  
Thermal transfer ribbon with a release layer

Title (de)  
Thermotransferband mit einer Trennschicht

Title (fr)  
Ruban pour le transfert thermique avec une couche de décollage

Publication  
**EP 0955181 B1 20010718 (DE)**

Application  
**EP 99106170 A 19990408**

Priority  
DE 19820779 A 19980508

Abstract (en)  
[origin: EP0955181A1] Thermal transfer tape has a wax bonded layer of thermal transfer ink containing a wax soluble polymer and a release layer containing 20 wt.% wax insoluble polymer with wax plasticising properties and a glass temperature (Tg) = -30 to +70 degrees C. Thermal transfer tape comprises: (1) a conventional base; (2) a wax bonded release layer, containing 20 (3-8) wt.% wax insoluble polymer with wax plasticising properties and a glass temperature (Tg) = -30 to +70 degrees C; and (3) wax bonded layer of thermal transfer ink, containing a wax soluble polymer.

IPC 1-7  
**B41M 5/38; B41M 5/40**

IPC 8 full level  
**B41J 31/00** (2006.01); **B41J 31/05** (2006.01); **B41J 31/06** (2006.01); **B41M 5/382** (2006.01); **B41M 5/40** (2006.01); **B41M 5/42** (2006.01);  
**D06P 5/13** (2006.01); **B41M 5/395** (2006.01); **B41M 5/44** (2006.01)

CPC (source: EP US)  
**B41M 5/38214** (2013.01 - EP US); **B41M 5/423** (2013.01 - EP US); **B41M 5/395** (2013.01 - EP US); **B41M 5/44** (2013.01 - EP US);  
**Y10S 428/913** (2013.01 - EP US); **Y10S 428/914** (2013.01 - EP US)

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0955181 A1 19991110; EP 0955181 B1 20010718**; CA 2271428 A1 19991108; DE 19820779 A1 19991111; DE 59900156 D1 20010823;  
US 6291055 B1 20010918

DOCDB simple family (application)  
**EP 99106170 A 19990408**; CA 2271428 A 19990507; DE 19820779 A 19980508; DE 59900156 T 19990408; US 30636899 A 19990506