

Title (en)
Support for an image-receiving material for thermal dye diffusion transfer

Title (de)
Trägermaterial für ein Bildempfangsmaterial für thermische Farbstoffdiffusionsübertragung

Title (fr)
Support pour un matériau récepteur d'images pour transfert thermique de colorants par diffusion

Publication
EP 0590322 B1 19971008 (DE)

Application
EP 93113782 A 19930828

Priority
DE 4233018 A 19921001

Abstract (en)
[origin: EP0590322A2] The invention relates to a process for the production of a support (carrier, substrate) material for an image-receiving material for thermal dye diffusion transfer, comprising a carrier and an interlayer containing microbeads, where the interlayer contains a film-forming binder having a minimum film-formation temperature of at least 25 DEG C and a pigment in the form of hollow polymeric microbeads, the microbeads having a cavity with a volume of between 10 and 55% of the total volume of the bead.

IPC 1-7
B41M 5/00

IPC 8 full level
B41M 5/382 (2006.01); **B41M 5/00** (2006.01); **B41M 5/40** (2006.01); **B41M 5/44** (2006.01)

CPC (source: EP US)
B41M 5/44 (2013.01 - EP US); **Y10S 428/913** (2013.01 - EP US); **Y10S 428/914** (2013.01 - EP US); **Y10T 428/24893** (2015.01 - EP US);
Y10T 428/249987 (2015.04 - EP US); **Y10T 428/254** (2015.01 - EP US); **Y10T 428/273** (2015.01 - EP US); **Y10T 428/277** (2015.01 - EP US);
Y10T 428/2982 (2015.01 - EP US); **Y10T 428/31902** (2015.04 - EP US)

Cited by
EP2000318A1; EP1216839A1; EP0850780A1; DE19615650A1; DE19615650C2; EP0742486A1; US5858603A; WO2004076194A1;
US7795177B2; US8043994B2

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

DOCDB simple family (publication)
EP 0590322 A2 19940406; EP 0590322 A3 19950104; EP 0590322 B1 19971008; DE 4233018 A1 19940407; DE 4233018 C2 19950921;
DE 59307489 D1 19971113; JP 3447338 B2 20030916; JP H0717149 A 19950120; US 5393726 A 19950228

DOCDB simple family (application)
EP 93113782 A 19930828; DE 4233018 A 19921001; DE 59307489 T 19930828; JP 24503893 A 19930930; US 12848593 A 19930928