

Title (en)

Laser-induced thermal transfer imaging process

Title (de)

Laserinduziertes Aufzeichnungsverfahren mit thermischer Übertragung durch Wärme

Title (fr)

Procédé pour l'enregistrement par transfert thermique induit par laser

Publication

EP 0790138 B1 19991020 (EN)

Application

EP 97101264 A 19970128

Priority

US 60155596 A 19960215

Abstract (en)

[origin: EP0790138A1] An imaging process is described using a laser addressable thermal transfer or ablation imaging film to form a laser generated image having reduced visual interference patterns. The imaging films include a microstructured surface having a gradual transition of refractive index from air to substrate and a reflectivity of less than or equal to 4%.

IPC 1-7

B41M 5/38; **B41M 5/40**

IPC 8 full level

B41J 2/32 (2006.01); **B41M 5/26** (2006.01); **B41M 5/382** (2006.01); **B41M 5/42** (2006.01); **B41M 5/24** (2006.01); **B41M 5/40** (2006.01)

CPC (source: EP KR)

B41M 5/24 (2013.01 - KR); **B41M 5/38214** (2013.01 - EP); **B41M 5/42** (2013.01 - EP); **B41M 5/426** (2013.01 - EP)

Cited by

US7718341B2; WO0069649A1; US7960094B2; US8153345B2; US7502043B2; US7154522B2; US7704666B2; US6461775B1; US6617093B2; US6783915B2; EP1246730B1; KR100674051B1; US7817175B2; US8017295B2; US8537185B2; US8623583B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0790138 A1 19970820; **EP 0790138 B1 19991020**; DE 69700632 D1 19991125; DE 69700632 T2 20000531; JP H09327938 A 19971222; KR 970061543 A 19970912

DOCDB simple family (application)

EP 97101264 A 19970128; DE 69700632 T 19970128; JP 2709797 A 19970210; KR 19970003937 A 19970211