

Title (en)

Controlled imaging formation and erasure on a metallic titanium printing form

Title (de)

Gesteuerte Bebilderung und Löschung einer Druckform aus metallischem Titan

Title (fr)

Formation et effacement d'un image d'une façon contrôlée sur une forme d'impression en titane métallique

Publication

EP 1151857 A3 20011114 (DE)

Application

EP 01109311 A 20010412

Priority

DE 10021451 A 20000503

Abstract (en)

[origin: EP1151857A2] The method involves providing a re-writable printing form (50) with a printing surface containing metallic titanium, producing an image on the printing surface by selective pointwise energy input and clearing the image after printing by applying energy over an area. The printing surface can be formed on a bearer that can be of aluminum, another metal or plastic or the form can be entirely made of titanium. Independent claims are also included for the following: a re-usable printing form, a printer mechanism and a print machine.

IPC 1-7

B41C 1/10; **B41N 3/00**

IPC 8 full level

B41C 1/10 (2006.01); **B41N 1/08** (2006.01); **B41N 3/00** (2006.01); **G03F 7/20** (2006.01); **G03F 7/24** (2006.01)

CPC (source: EP US)

B41C 1/1041 (2013.01 - EP US); **B41N 3/006** (2013.01 - EP US)

Citation (search report)

- [X] SU 984878 A1 19821230 - ERMAKOV YURIJ G, et al
- [XY] US 5931097 A 19990803 - NEIFERT STEPHEN R [US], et al
- [Y] EP 0911155 A1 19990428 - FUJI PHOTO FILM CO LTD [JP]

Cited by

EP1277577A1; US6916743B2; WO2006066851A1

Designated contracting state (EPC)

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EP 1151857 A2 20011107; **EP 1151857 A3 20011114**; **EP 1151857 B1 20060628**; AT E331617 T1 20060715; DE 10021451 A1 20011108; DE 50110307 D1 20060810; JP 2001353974 A 20011225; US 2001042469 A1 20011122; US 6520088 B2 20030218

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