

Title (en)

GRAVURE PROCESS FOR PRINTING ADJACENT COLOUR SURFACES WITH VARIOUS COLOUR COATING THICKNESSES AS WELL AS DATA SUBSTRATE, PRINTING PLATE AND METHOD OF MANUFACTURING A PRINTING PLATE

Title (de)

STICHTIEFDRUCKVERFAHREN ZUM DRUCKEN VON ANEINANDER GRENZENDEN FARBFLÄCHEN UNTERSCHIEDLICHER FARBSCHICHTDICKE SOWIE DATENTRÄGER, DRUCKPLATTE UND VERFAHREN ZUM HERSTELLEN EINER DRUCKPLATTE

Title (fr)

PROCEDE D'IMPRESSION EN HELIOGRAVURE PERMETTANT D'IMPRIMER DES SURFACES D'IMPRESSION ADJACENTES DONT LES COUCHES D'ENCRE SONT DE DIFFERENTES EPAISSEURS AINSI QU'UN SUPPORT DE DONNEES, UNE PLAQUE D'IMPRESSION ET UN PROCEDE DE FABRICATION D'UNE PLAQUE D'IMPRESSION

Publication

EP 1117537 B1 20030507 (DE)

Application

EP 99948896 A 19990929

Priority

- DE 19845436 A 19981002
- EP 9907216 W 19990929

Abstract (en)

[origin: US2005193909A1] A data medium having a printed image is created by the intaglio printing process. The printed image has at least one first ink area with a first ink layer thickness and at least one second ink area with a second ink layer thickness adjacent to the first ink area, such that the ink layer thicknesses are different. The first and second ink areas are separated by a sharp border line invisible on examination with the naked eye, and the ink layer thickness of both ink areas passes through a minimum in the region of the border line.

IPC 1-7

B41C 1/04; B41M 1/10; B41M 3/14; B41N 1/06

IPC 8 full level

B41C 1/045 (2006.01); **A61B 17/34** (2006.01); **A61P 27/02** (2006.01); **B41C 1/02** (2006.01); **B41C 1/04** (2006.01); **B41M 1/10** (2006.01); **B41M 3/00** (2006.01); **B41M 3/14** (2006.01); **B41N 1/06** (2006.01); **C12N 15/13** (2006.01)

CPC (source: EP US)

B41M 1/10 (2013.01 - EP US); **B41M 3/14** (2013.01 - EP US); **B41N 1/06** (2013.01 - EP US)

Cited by

WO2007115662A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 2005193909 A1 20050908; US 7028615 B2 20060418; AR 020679 A1 20020522; AT E239614 T1 20030515; AU 6198099 A 20000426; AU 756205 B2 20030109; CA 2345748 A1 20000413; CA 2345748 C 20051227; CN 1155471 C 20040630; CN 1320076 A 20011031; DE 19845436 A1 20000406; DE 19845436 B4 20090610; DE 19845436 C5 20150226; DE 59905490 D1 20030612; DK 1117537 T3 20030825; EP 1117537 A1 20010725; EP 1117537 B1 20030507; EP 1117537 B2 20171213; ES 2194512 T3 20031116; JP 2002526289 A 20020820; JP 4550282 B2 20100922; PL 190828 B1 20060228; PL 347150 A1 20020325; PT 1117537 E 20030930; RU 2236949 C2 20040927; TR 200100925 T2 20010821; UA 71583 C2 20041215; US 6928925 B1 20050816; WO 0020216 A1 20000413; ZA 200102252 B 20020604

DOCDB simple family (application)

US 11993305 A 20050503; AR P990104974 A 19990930; AT 99948896 T 19990929; AU 6198099 A 19990929; CA 2345748 A 19990929; CN 99811496 A 19990929; DE 19845436 A 19981002; DE 59905490 T 19990929; DK 99948896 T 19990929; EP 9907216 W 19990929; EP 99948896 A 19990929; ES 99948896 T 19990929; JP 2000573553 A 19990929; PL 34715099 A 19990929; PT 99948896 T 19990929; RU 2001111865 A 19990929; TR 200100925 T 19990929; UA 01053027 A 19990929; US 78791901 A 20010601; ZA 200102252 A 19990929