

Title (en)
METHOD OF PRODUCING A BACK-LIT COLOUR LASER IMAGE, IDENTITY DOCUMENT IMPLEMENTING THIS METHOD AND BACK-LIGHTING SYSTEM

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES HINTERGRUNDBELEUCHTETEN FARBIGEN LASERBILDES, IDENTITÄTSdokUMENT MIT UMSETZUNG DIESES VERFAHRENS

Title (fr)
PROCEDE DE REALISATION D'UNE IMAGE LASER COULEUR RETROECLAIREE, DOCUMENT IDENTITAIRE METTANT EN OEUVRE CE PROCEDE ET SYSTEME DE RETROECLAIRAGE

Publication
EP 2684178 A1 20140115 (FR)

Application
EP 12710770 A 20120308

Priority
• FR 1100713 A 20110310
• FR 2012000081 W 20120308

Abstract (en)
[origin: WO2012120207A1] Method producing a back-lit colour laser image, and identity document implementing this method and back-lighting system. The body of the identity document (11) is transparent. The light back-lights the colour laser image (3) formed of subpixels (R,G,B) partially covered with non-reflecting surfaces (7) in the protective layer (2). The light (24) penetrates through minuscule holes (23) in the decorations (4) of the rear face (5) of the document. It finds application in particular in identity cards, credit cards, passports, driving licences, security entry badges, etc.

IPC 8 full level
B41M 3/14 (2006.01); **B41M 5/26** (2006.01); **B41M 5/34** (2006.01); **B42D 25/00** (2014.01); **B42D 25/346** (2014.01); **B42D 25/41** (2014.01); **G07D 7/12** (2016.01)

CPC (source: EP KR US)
B41J 2/44 (2013.01 - US); **B41J 2/442** (2013.01 - US); **B41M 3/148** (2013.01 - EP US); **B41M 5/26** (2013.01 - KR); **B41M 5/267** (2013.01 - EP US); **B41M 5/34** (2013.01 - EP US); **B41M 5/40** (2013.01 - KR); **B42D 25/00** (2014.10 - KR US); **B42D 25/23** (2014.10 - EP); **B42D 25/24** (2014.10 - EP); **B42D 25/346** (2014.10 - US); **B42D 25/351** (2014.10 - EP US); **B42D 25/41** (2014.10 - EP US); **B42D 25/455** (2014.10 - EP); **B42D 25/46** (2014.10 - EP); **G07D 7/12** (2013.01 - KR); **G07D 7/128** (2013.01 - EP US); **B41M 3/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2012120207A1

Cited by
EP3838611A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012120207 A1 20120913; BR 112013022852 A2 20210302; BR 112013022852 B1 20210908; EP 2684178 A1 20140115; EP 2684178 B1 20171115; ES 2658696 T3 20180312; FR 2972553 A1 20120914; FR 2972553 B1 20130315; HU E038357 T2 20181029; JP 2014511294 A 20140515; JP 6069227 B2 20170201; KR 101592077 B1 20160204; KR 20130131435 A 20131203; PL 2684178 T3 20180629; US 10046590 B2 20180814; US 2013341900 A1 20131226

DOCDB simple family (application)
FR 2012000081 W 20120308; BR 112013022852 A 20120308; EP 12710770 A 20120308; ES 12710770 T 20120308; FR 1100713 A 20110310; HU E12710770 A 20120308; JP 2013557149 A 20120308; KR 20137023819 A 20120308; PL 12710770 T 20120308; US 201214004157 A 20120308