

Title (en)

METHOD AND APPARATUS FOR CONTROLLING THE COLOR ACCURACY OF DIGITAL PRINTING DEVICES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTROLLE DER FARBGENAUEIGKEIT VON DIGITALEN DRUCKVORRICHTUNGEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR COMMANDER LA PRÉCISION DE COULEUR DE DISPOSITIFS D'IMPRESSION NUMÉRIQUES

Publication

EP 2774042 B8 20200226 (EN)

Application

EP 12845565 A 20121025

Priority

- US 201113286009 A 20111031
- US 2012061910 W 20121025

Abstract (en)

[origin: US2013107291A1] A method and apparatus are provided for providing color consistency on a same digital printing device at different points in time or on multiple digital printing devices. Measured spectral color values, which correspond to a particular calibration set of a printer-ink/toner-media combination, are stored as target values. Spectral color values are measured subsequently for the same printer or for other printers and compared to the target values to determine whether the output data of both printers will be consistent. Optimization processes may be performed to ensure or improve consistency.

IPC 8 full level

G06F 15/00 (2006.01); **H04N 1/60** (2006.01)

CPC (source: EP US)

H04N 1/6036 (2013.01 - EP US); **H04N 1/6052** (2013.01 - EP US); **H04N 1/6055** (2013.01 - EP US); **H04N 1/6097** (2013.01 - EP US)

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)

US 2013107291 A1 20130502; **US 9420146 B2 20160816**; BR 112014010321 A2 20170502; BR 112014010321 B1 20220222; CN 104040520 A 20140910; CN 104040520 B 20170623; EP 2774042 A1 20140910; EP 2774042 A4 20150617; EP 2774042 B1 20191120; EP 2774042 B8 20200226; WO 2013066720 A1 20130510

DOCDB simple family (application)

US 201113286009 A 20111031; BR 112014010321 A 20121025; CN 201280065091 A 20121025; EP 12845565 A 20121025; US 2012061910 W 20121025