Title (en)

Method for drying a multicolour printed material

Title (de)

Verfahren zum Trocknen von bedrucktem Material im Mehrfarbdruck

Title (fr)

Procédé pour sécher une matière imprimée en polychromie

Publication

EP 2067620 B1 20130731 (DE)

Application

EP 08105788 A 20081113

Priority

DE 102007058957 A 20071207

Abstract (en)

[origin: EP2067620A2] The method involves transforming high resolution image data that describes print image and/or content of a printing plate for color separation into low resolution image data. Position data is obtained from a transporting device for a print substrate (121). Control data for modulation of the intensity of a radiation source (119a) and/or a group of sources of LED arrays are generated from the low resolution image data and the position data. The substrate in the device is smeared with temporally modulated radiation points, which include multiple image points of high resolution print image.

IPC 8 full level

B41F 23/04 (2006.01)

CPC (source: EP US)

B41F 23/0409 (2013.01 - EP US); **B41F 23/0413** (2013.01 - EP US); **B41F 23/0426** (2013.01 - EP US); **B41F 23/044** (2013.01 - EP US); **B41F 23/0453** (2013.01 - EP US); **B41F 23/0456** (2013.01 - EP US); **B41F 23/0466** (2013.01 - EP US); **G03G 15/11** (2013.01 - US)

Cited by

DE102016204547A1; DE102016204549A1; DE102016204549B4; WO2017157619A1; DE102015205066A1; WO2016150866A1; WO2016150867A1; WO2016150868A1; EP4112307A1; DE102011122520A1; EP4102298A1; WO2012059861A1; WO2013037661A1; US10442183B2; EP2463100A1; DE102011118175A1; US8707578B2; WO2021038039A1; US10144209B2; US10220606B2; US10265944B2; EP3811155B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2067620 A2 20090610; **EP 2067620 A3 20090701**; **EP 2067620 B1 20130731**; CN 101513804 A 20090826; CN 101513804 B 20130529; DE 102007058957 A1 20090610; JP 2009137302 A 20090625; JP 5519926 B2 20140611; US 2009148620 A1 20090611; US 2013021420 A1 20130124; US 8326183 B2 20121204; US 8699921 B2 20140415

DOCDB simple family (application)

EP 08105788 A 20081113; CN 200810107493 A 20081208; DE 102007058957 A 20071207; JP 2008311767 A 20081208; US 201213630767 A 20120928; US 32992308 A 20081208