

Title (en)
INKJET PRINTING SYSTEM

Title (de)
TINTENSTRAHLDRUCKSYSTEM

Title (fr)
SYSTÈME D'IMPRESSION À JET D'ENCRE

Publication
EP 3072699 A1 20160928 (EN)

Application
EP 16162134 A 20160324

Priority
JP 2015063447 A 20150325

Abstract (en)
An inkjet printing system that can reduce displacement in images to be printed on both sides of a medium (80) is to be provided. The inkjet printing system is provided with a front surface head that performs printing on a front surface of a medium (80), a rear surface head that performs printing on a rear surface (80b) of the medium to which printing has been performed by the front surface head, a front surface print controlling section that causes the front surface head to print an image (60) including a front position mark (62a, 62b) for print control adjustment, a rear surface print controlling section that causes the rear surface head to print an image (70) including a rear position mark (72a, 72b) for print control adjustment, and a displacement calibrating section that calibrates a displacement between the images (60, 70) to be printed on both sides of the medium (80). The displacement calibrating section calibrates the displacement between the images (60, 70) to be printed on both sides of the medium (80) by adjusting print control by the rear surface print controlling section in accordance with an amount of displacement between the front position mark (62a, 62b) and the rear position mark (72a, 72b).

IPC 8 full level
B41J 3/60 (2006.01); **B41J 11/46** (2006.01)

CPC (source: EP)
B41J 3/60 (2013.01); **B41J 11/46** (2013.01); **B41J 3/4078** (2013.01)

Citation (applicant)
JP 2010053497 A 20100311 - TAKATA CORP

Citation (search report)
• [A] US 2003133731 A1 20030717 - NAKAZAWA SOUICHI [JP], et al
• [A] EP 2127892 A1 20091202 - DIGITAL INFORMATION LTD AG [CH]

Cited by
CN111546773A; US10112422B2; CN113524927A; EP3858626A4

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3072699 A1 20160928; JP 2016182702 A 20161020; JP 6573305 B2 20190911

DOCDB simple family (application)
EP 16162134 A 20160324; JP 2015063447 A 20150325