

Title (en)

PAPER SHEET SORTING DEVICE, WHITE REFERENCE DATA ADJUSTMENT METHOD, AND PROGRAM

Title (de)

PAPIERBLATTSORTIERVORRICHTUNG, VERFAHREN ZUR WEISSREFERENZDATENANPASSUNG UND PROGRAMM

Title (fr)

DISPOSITIF DE TRI DE FEUILLES DE PAPIER, PROCÉDÉ DE RÉGLAGE DE DONNÉES DE RÉFÉRENCE BLANCHE ET PROGRAMME

Publication

**EP 3951699 A4 20221228 (EN)**

Application

**EP 20784402 A 20200303**

Priority

- JP 2019066319 A 20190329
- JP 2020008938 W 20200303
- JP 2020025243 A 20200218

Abstract (en)

[origin: EP3951699A1] To appropriately perform shading correction of an image of a paper sheet. The present invention includes a plurality of light receiving units that are placed at locations facing the other surface of a paper sheet being moved to receive detection light having passed through the paper sheet and that are arranged along a width direction orthogonal to a moving direction of the paper sheet, an image data generating unit that generates image data of a tone corresponding to the detection light having entered the light receiving units, and a white-reference-data storing unit that stores therein white reference data obtained by irradiating a white reference member to be used for shading correction of the image data with the detection light. The above configuration includes a movement restricting unit that is located at end parts in a width direction of a transport path and that forms side walls of the transport path, and an adjusting unit that adjusts the white reference data for shading correction of image data of the light receiving units to a predetermined value on a condition that locations in the width direction of the light receiving units are in a predetermined specific region.

IPC 8 full level

**G06T 1/00** (2006.01); **G07D 7/00** (2016.01); **G07D 7/12** (2016.01); **H04N 1/04** (2006.01); **H04N 1/191** (2006.01)

CPC (source: EP)

**G07D 7/12** (2013.01)

Citation (search report)

- [I] JP 2016208126 A 20161208 - CANON FINETECH INC
- [I] JP 2003315944 A 20031106 - FUJI PHOTO FILM CO LTD
- [A] US 2014063567 A1 20140306 - IKARI SEIJI [JP], et al
- [A] US 2009302529 A1 20091210 - SEKI TORU [JP], et al
- See references of WO 2020202985A1

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)

**EP 3951699 A1 20220209; EP 3951699 A4 20221228; WO 2020202985 A1 20201008**

DOCDB simple family (application)

**EP 20784402 A 20200303; JP 2020008938 W 20200303**