

Title (en)  
IMAGE FORMING APPARATUS

Title (de)  
BILDERZEUGUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE FORMATION D'IMAGE

Publication  
**EP 3034308 A2 20160622 (EN)**

Application  
**EP 15191552 A 20151027**

Priority  
JP 2014221101 A 20141030

Abstract (en)  
An image forming apparatus includes a conveyor (201), head units (310a, 310b, 310c, 310d), edge sensors (312a, 312b, 312c, 312d), an actuator (311b, 311c, 311d), a memory (416), and a controller (417). The edge sensors (312a, 312b, 312c, 312d) are arranged in correspondence with at least two sensor-corresponding head units of the head units, to detect edge positions of the recording medium in a direction perpendicular to a conveyance direction of the recording medium. The actuator (311b, 311c, 311d) moves at least one actuator-driven head unit of the sensor-corresponding head units in the direction perpendicular to the conveyance direction. The memory (416) stores reference values generated in advance based on data on the edge positions read by the edge sensors. The controller (417) controls the actuator according to the edge positions read by the edge sensors and the reference values to correct a position of the actuator-driven head unit.

IPC 8 full level  
**B41J 11/00** (2006.01); **B41J 2/21** (2006.01); **B41J 25/00** (2006.01)

CPC (source: EP)  
**B41J 2/2146** (2013.01); **B41J 11/0095** (2013.01); **B41J 25/001** (2013.01)

Citation (applicant)  
JP 2011136526 A 20110714 - SEIKO EPSON CORP

Cited by  
CN108621589A; EP3275675A1; US10479116B2

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 3034308 A2 20160622**; **EP 3034308 A3 20160824**; **EP 3034308 B1 20190227**; JP 2016087807 A 20160523; JP 6418492 B2 20181107

DOCDB simple family (application)  
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