

Title (en)

ROTATIONAL FORCE DRIVE COMPONENT, PROCESSING BOX AND IMAGE FORMATION DEVICE

Title (de)

DREHKRAFTANTRIEBSKOMPONENTE, VERARBEITUNGSKASTEN UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)

COMPOSANT D'ENTRAÎNEMENT DE FORCE DE ROTATION, BOÎTE DE TRAITEMENT ET DISPOSITIF DE FORMATION D'IMAGE

Publication

EP 3153933 A4 20170628 (EN)

Application

EP 15825452 A 20150720

Priority

- CN 201410359975 A 20140725
- CN 201510012016 A 20150110
- CN 2015084489 W 20150720

Abstract (en)

[origin: EP3153933A1] A rotational force driving assembly (6), a process cartridge (1) including the rotational force driving assembly (6), and an image forming device are provided. The rotational force driving assembly (6) is disposed on an end of the process cartridge (1), and configured to receive a rotational force from outside and transmit a driving force to a rotating member that is disposed in the process cartridge (1) along a length direction of the process cartridge (1), where the rotational force driving assembly (6) includes a rotational force receiving component (61) and an adjusting mechanism (63); and the adjusting mechanism (63) is connected to the rotational force receiving component (61), and enables the rotational force receiving component (61) to shift in a longitudinal direction of the process cartridge (1) and enables an axis of the rotational force receiving component (61) to offset with respect to an axis of a photosensitive member (1003). The rotational force driving assembly (6) facilitates installation of the process cartridge (1). When the rotational force receiving component (61) fails to be coaxial with the rotating member due to a manufacturing tolerance, print quality of products is not affected.

IPC 8 full level

G03G 21/18 (2006.01); **G03G 21/16** (2006.01)

CPC (source: EP)

G03G 21/1647 (2013.01); **G03G 21/18** (2013.01); **G03G 21/186** (2013.01)

Citation (search report)

- [X] CN 103809420 A 20140521 - ZHUHAI SEINE TECHNOLOGY CO LTD
- [A] WO 2011091639 A1 20110804 - PRINT RITE UNICORN IMAGE PRODUCTS CO LTD ZHUHAI [CN], et al
- See references of WO 2016011925A1

Cited by

US11531301B2

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)

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