

Title (en)
IMAGE FORMING UNIT AND IMAGE FORMING APPARATUS

Title (de)
BILDERZEUGUNGSEINHEIT UND BILDERZEUGUNGSVORRICHTUNG

Title (fr)
UNITÉ DE FORMATION D'IMAGES ET APPAREIL DE FORMATION D'IMAGES

Publication
EP 3324243 A1 20180523 (EN)

Application
EP 17199018 A 20171027

Priority
JP 2016226876 A 20161122

Abstract (en)
An image forming unit (1) includes an image bearer (2) to bear a toner image on a surface, and a detachable unit (200) having a contact member (50) and (62) disposed in contact with the surface of the image bearer (2). The detachable unit (200) being attachable and detachable from a support frame (22) to support the image bearer (2). The image forming unit (1) has a position change mechanism (70) to change a position in a rotation direction of the image bearer (2) by rotating the image bearer (2) in a reverse direction opposite to a direction of rotation of the image bearer (2) in image formation before attachment of the detachable unit (200) to the support frame (22).

IPC 8 full level
G03G 21/16 (2006.01); **G03G 21/00** (2006.01)

CPC (source: EP)
G03G 21/0029 (2013.01); **G03G 21/007** (2013.01); **G03G 21/1647** (2013.01); **G03G 21/169** (2013.01); **G03G 2221/1654** (2013.01); **G03G 2221/1853** (2013.01)

Citation (applicant)
JP 2011197076 A 20111006 - RICOH CO LTD

Citation (search report)

- [XA] JP H0695502 A 19940408 - RICOH KK
- [A] JP S62127758 A 19870610 - TOSHIBA CORP
- [A] JP S63137284 A 19880609 - TOSHIBA CORP
- [A] JP H02198486 A 19900806 - FUJI XEROX CO LTD

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 3324243 A1 20180523; **EP 3324243 B1 20190410**; JP 2018084642 A 20180531; JP 6817535 B2 20210120

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