



New connection on: : 01-10-2020 : 19:57:36 - Last disconnection on: : 01-10-2020 : 19:57:31

V 4.0.0.44803(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#{D201820}) (RPM D201820)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 5] cartridge and (photosensitive 1D drum) and coupling and (discharge 1D opening)

Results in EPODOC 10

[SS 6] ..li



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PN - [US2020241468](#) A1 20200730

PR - US202016804912 20200228; JP20150039431 20150227; JP20150232095 20151127; US201715665835 20170801; WO2016JP56688 20160226

AP - [US202016804912](#) 20200228

DT - **

CCI - [G03G21/10](#) ; [G03G21/105](#)

CCA - [G03G21/1857](#)

CI - G03G21/10 (EP, GB, US)
- G03G21/105 (EP, KR, US)
- G03G21/18 (GB, RU)
- G03G21/1803 (KR)
- G03G21/1842 (US)
- G03G21/1857 (KR)

CA - G03G21/1857 (EP, US)

PA - CANON KK [JP]

TI - **CARTRIDGE**

AB - The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.

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PN - [AU2020204081](#) A1 20200709

PR - AU20200204081 20200618; AU20180264083 20181115; AU20160224397 20160226; JP20150232095 20151127; JP20150039431 20150227; WO2016JP56688 20160226

AP - [AU20200204081](#) 20200618

DT - I

CCI - [G03G21/10](#) ; [G03G21/105](#)

CCA - [G03G21/1857](#)

CI - G03G21/10 (EP, GB, US)
 - G03G21/105 (EP, KR, US)
 - G03G21/18 (GB, RU)
 - G03G21/1803 (KR)
 - G03G21/1842 (US)
 - G03G21/1857 (KR)

CA - G03G21/1857 (EP, US)

PA - CANON KK [JP]

TI - **Cartridge**

AB - A rotational force is transmitted to a main assembly side feeding member for feeding the toner into a main assembly side toner accommodating portion from a **coupling** member provided on a **cartridge**. 5 The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the 10 rotational force to the main assembly side feeding member and a second position retracted from the first position.

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PN - [US2020201246](#) A1 20200625

PR - US202016804666 20200228; JP20150039431 20150227; JP20150232095 20151127; US201715665835 20170801; WO2016JP56688 20160226

AP - [US202016804666](#) 20200228

DT - **

CCI - [G03G21/10](#) ; [G03G21/105](#)

CCA - [G03G21/1857](#)

CI - G03G21/10 (EP, GB, US)
 - G03G21/105 (EP, KR, US)
 - G03G21/18 (GB, RU)
 - G03G21/1803 (KR)
 - G03G21/1842 (US)
 - G03G21/1857 (KR)

CA - G03G21/1857 (EP, US)

PA - CANON KK [JP]

TI - **CARTRIDGE**

AB - The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.

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PN - [US2020201249](#) A1 20200625

PR - US202016804868 20200228; JP20150039431 20150227; JP20150232095 20151127; US201715665835 20170801; WO2016JP56688 20160226

AP - [US202016804868](#) 20200228

DT - **

CCI - [G03G21/10](#) ; [G03G21/105](#)

CCA - [G03G21/1857](#)

CI - G03G21/10 (EP, GB, US)
- G03G21/105 (EP, KR, US)
- G03G21/18 (GB, RU)
- G03G21/1803 (KR)
- G03G21/1842 (US)
- G03G21/1857 (KR)

CA - G03G21/1857 (EP, US)

PA - CANON KK [JP]

TI - **CARTRIDGE**

AB - The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.

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PN - [US2020201245](#) A1 20200625

PR - US202016804637 20200228; JP20150039431 20150227; JP20150232095 20151127; US201715665835 20170801; WO2016JP56688 20160226

AP - [US202016804637](#) 20200228

DT - **

CCI - [G03G21/10](#) ; [G03G21/105](#)

CCA - [G03G21/1857](#)

CI - G03G21/10 (EP, GB, US)
- G03G21/105 (EP, KR, US)
- G03G21/18 (GB, RU)
- G03G21/1803 (KR)
- G03G21/1842 (US)
- G03G21/1857 (KR)

CA - G03G21/1857 (EP, US)

PA - CANON KK [JP]

TI - **CARTRIDGE**

AB - The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first

position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.

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PN - [US2020201248](#) A1 20200625

PR - US202016804762 20200228; JP20150039431 20150227; JP20150232095 20151127; US201715665835 20170801; WO2016JP56688 20160226

AP - [US202016804762](#) 20200228

DT - **

CCI - [G03G21/10](#) ; [G03G21/105](#)

CCA - [G03G21/1857](#)

CI - G03G21/10 (EP, GB, US)
- G03G21/105 (EP, KR, US)
- G03G21/18 (GB, RU)
- G03G21/1803 (KR)
- G03G21/1842 (US)
- G03G21/1857 (KR)

CA - G03G21/1857 (EP, US)

PA - CANON KK [JP]

TI - **CARTRIDGE**

AB - The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.

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PN - [US2020201247](#) A1 20200625

PR - US202016804693 20200228; JP20150039431 20150227; JP20150232095 20151127; US201715665835 20170801; WO2016JP56688 20160226

AP - [US202016804693](#) 20200228

DT - **

CCI - [G03G21/10](#) ; [G03G21/105](#)

CCA - [G03G21/1857](#)

CI - G03G21/10 (EP, GB, US)
- G03G21/105 (EP, KR, US)
- G03G21/18 (GB, RU)
- G03G21/1803 (KR)
- G03G21/1842 (US)
- G03G21/1857 (KR)

CA - G03G21/1857 (EP, US)

PA - CANON KK [JP]

TI - **CARTRIDGE**

AB - The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge

the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.

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- PN - [AU2018264083](#) A1 20181206
- PNFP - AU2018264083B B2 20200709
- PR - AU20180264083 20181115; AU20160224397 20160226; JP20150232095 20151127; JP20150039431 20150227; WO2016JP56688 20160226
- AP - [AU20180264083](#) 20181115
- DT - I
- CCI - [G03G21/10](#) ; [G03G21/105](#)
- CCA - [G03G21/1857](#)
- CI - G03G21/10 (EP, GB, US)
- G03G21/105 (EP, KR, US)
- G03G21/18 (GB, RU)
- G03G21/1803 (KR)
- G03G21/1842 (US)
- G03G21/1857 (KR)
- CA - G03G21/1857 (EP, US)
- PA - (A1 B2)
CANON KK [JP]
- TI - (A1 B2)
Cartridge
- AB - (A1 B2)

A rotational force is transmitted to a main assembly side feeding member for feeding the toner into a main assembly side toner accommodating portion from a **coupling** member provided on a **cartridge**. 5 The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the 10 rotational force to the main assembly side feeding member and a second position retracted from the first position.

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- PN - [US2017329279](#) A1 20171116
- PNFP - US10761479 B2 20200901
- PR - JP20150039431 20150227; JP20150232095 20151127; WO2016JP56688 20160226
- AP - [US201715665835](#) 20170801
- DT - **
- CT - // STSE (A1)

[JP2014098749](#) A 20140529 [X] (MURATA MACHINERY LTD)

[X] 1-2, 4-6, 30, 46, 49-52, 64

* claim 1 | fig 1 | Claim 4) | FIGS. 4 and 5 | section 12 | claim 2 | claim 4 | claim 5 | claim 6 | claim 30 | claim 46 | claim 64 *;

	<u>JP2014098749</u> A 20140529 [A] (MURATA MACHINERY LTD)
	- // STSE (B2)
	<u>US2011255883</u> A1 20111020 [] (FUKUDA TADASHI [JP])
CTNP	- // R141 (A1) [] - Machine translation of Nishida JP 2014-098749 (2014)
	- // STSE (B2) [] - Machine translation of Nishida JP 2014-098749 (2014) .
CCI	- <u>G03G21/10</u> ; <u>G03G21/105</u>
CCA	- <u>G03G21/1857</u>
CI	- G03G21/10 (EP, GB, US) - G03G21/105 (EP, KR, US) - G03G21/18 (GB, RU) - G03G21/1803 (KR) - G03G21/1842 (US) - G03G21/1857 (KR)
CA	- G03G21/1857 (EP, US)
PA	- (A1 B2) CANON KK [JP]
TI	- (A1) CARTRIDGE - (B2) Cartridge
AB	- (A1 B2) The cartridge includes a photosensitive drum , a discharge opening configured to discharge the toner removed from the photosensitive drum toward the main assembly side feeding member, and a coupling member configured to transmit the rotational force to the main assembly side feeding member. The coupling member is movable between a first position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.

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PN	- <u>EP3264196</u> A1 20180103
PNFP	- EP3264196 A4 20180912
PR	- JP20150039431 20150227; JP20150232095 20151127; WO2016JP56688 20160226
AP	- <u>EP20160755755</u> 20160226
DT	- **
CT	- // STSE (A4) <u>JP2012198323</u> A 20121018 [Y] (RICOH CO LTD) [Y] 1-40 * paragraphs [0018] , [0 26] , [0 27] , [0 36] , [0 38] , [0 40] *; <u>JP2014098749</u> A 20140529 [Y] (MURATA MACHINERY LTD) [Y] 1-40 * paragraphs [0038] , [0 40] , [0 47] , [0 48] , [0 53] , [0 54] *; JP3132215B B2 20010205 [Y] (MINOLTA CAMERA KK) [Y] 10,11,22-24,35 * paragraphs [0015] , [0 16]; figures 1-8 *; <u>US2006228132</u> A1 20061012 [Y] (CHADANI KAZUO [JP], et al) [Y] 12,13,29,30,36

* paragraphs [0046] , [0 48]; figures 1-15 *;
[JP2015022048](#) A 20150202 [Y] (KYOCERA DOCUMENT SOLUTIONS INC)
 [Y] 38,39
 * paragraphs [0057] - [0060] *;
[US2014044465](#) A1 20140213 [A] (MEKADA HIDEKI [JP])
 [A] 1-40
 * figures 1-9 *;
[US2014270821](#) A1 20140918 [A] (TAKAHASHI HIROYUKI [JP])
 [A] 1-40
 * figures 1-10 *;
[US2006127128](#) A1 20060615 [A] (HORIKAWA TADASHI [JP])
 [A] 1-40
 * the whole document *;
[EP1265116](#) A2 20021211 [A] (RICOH KK [JP])
 [A] 1-40
 * the whole document *;
[JP2012027239](#) A 20120209 [A] (CANON KK)
 [A] 1-40
 * the whole document *

- CCI - [G03G21/10](#) ; [G03G21/105](#)
- CCA - [G03G21/1857](#)
- CI - [G03G21/10](#) (EP, GB, US)
 - [G03G21/105](#) (EP, KR, US)
 - [G03G21/18](#) (GB, RU)
 - [G03G21/1803](#) (KR)
 - [G03G21/1842](#) (US)
 - [G03G21/1857](#) (KR)
- CA - [G03G21/1857](#) (EP, US)
- PA - (A1 A4)
 CANON KK [JP]
- TI - (A1 A4)
CARTRIDGE
- AB - (A1)

A rotational force is transmitted to a main assembly side feeding member for feeding the toner into a main assembly side toner accommodating portion from a **coupling** member provided on a **cartridge**. The **cartridge** includes a **photosensitive drum**, a **discharge opening** configured to discharge the toner removed from the **photosensitive drum** toward the main assembly side feeding member, and a **coupling** member configured to transmit the rotational force to the main assembly side feeding member. The **coupling** member is movable between a first position for transmitting the rotational force to the main assembly side feeding member and a second position retracted from the first position.