

Title (en)

POWER RECEIVING COMPONENT AND TONER CARTRIDGE

Title (de)

LEISTUNGS-AUFNAHMEBAUTEIL UND TONERKARTUSCHE

Title (fr)

COMPOSANT DE RÉCEPTION D'ALIMENTATION ÉLECTRIQUE ET CARTOUCHE DE TONER

Publication

EP 3705948 A4 20210303 (EN)

Application

EP 19793599 A 20190418

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Abstract (en)

[origin: EP3705948A1] A force receiving part and a toner cartridge are provided in the present disclosure. The toner cartridge includes a toner cartridge body and the force receiving part. The force receiving part is configured to receive a force from the image forming device and transmit the force to the toner cartridge body. The force receiving part includes a moving element, a receiving element for receiving the force, and a transmission element for transmitting the force. After the toner cartridge is installed on the image forming device, the force receiving part provided in the present disclosure enables automatic generation of an outlet for flowing out the toner when in use and for preventing the toner from flowing out by closing the outlet when not in use, which prevents the contamination and damage due to the developer leakage in the toner cartridge.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

- [E] EP 3709097 A1 20200916 - NINESTAR CORP [CN]
- [XI] EP 2735917 A1 20140528 - PRINT RITE UNICORN IMAGE PROD [CN]
- [XI] WO 2015067124 A1 20150514 - PRINT RITE UNICORN IMAGE PRODUCTS CO LTD ZHUHAI [CN]
- See references of WO 2019206015A1

Designated contracting state (EPC)

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