

Title (en)

Toner replenishing device of image forming machine and toner cartridge for use therein

Title (de)

Tonernachfüllvorrichtung für ein Bilderzeugungsgerät und Tonerkassette hierfür

Title (fr)

Dispositif de régénération de toner pour un appareil de formation d'images et cartouche de toner associée

Publication

**EP 0854393 A1 19980722 (EN)**

Application

**EP 97310711 A 19971231**

Priority

JP 557697 A 19970116

Abstract (en)

A toner replenishing device of an image forming machine comprises a toner cartridge (200) accommodating a toner, and a toner cartridge bearer (300) for detachably mounting the toner cartridge. A take-up shaft (220) for taking up a sealing member (210) for strippably closing a toner discharge opening (202) formed in the toner cartridge is provided with a fitting projection or fitting recess (221a) non-circular in cross section. This fitting projection or fitting recess (221a) is fitted into or fitted over a fitting recess or fitting projection (241a) non-circular in cross section that is provided in or on a driving shaft (348) disposed in the toner cartridge bearer (300). <IMAGE>

IPC 1-7

**G03G 15/08**

IPC 8 full level

**G03G 15/08** (2006.01)

CPC (source: EP KR)

**G03G 15/08** (2013.01 - KR); **G03G 15/0882** (2013.01 - EP); **G03G 2215/068** (2013.01 - EP); **G03G 2215/0687** (2013.01 - EP)

Citation (search report)

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- [A] EP 0655663 A2 19950531 - MITA INDUSTRIAL CO LTD [JP]
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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 0854393 A1 19980722**; AU 5039698 A 19980723; CA 2226794 A1 19980716; CN 1191996 A 19980902; ID 19522 A 19980716; JP H10207204 A 19980807; KR 19980070506 A 19981026; TW 411406 B 20001111

DOCDB simple family (application)

**EP 97310711 A 19971231**; AU 5039698 A 19980108; CA 2226794 A 19980113; CN 98100338 A 19980115; ID 980051 A 19980116; JP 557697 A 19970116; KR 19980000862 A 19980114; TW 87100482 A 19980115