

Title (en)

Toner container and receiving apparatus therefor

Title (de)

Tonerbehälter und dafür vorgesehene Aufnahmevorrichtung

Title (fr)

Réceptient de toner et dispositif pour le recevoir

Publication

EP 0607528 B1 19970416 (EN)

Application

EP 93118730 A 19931122

Priority

- US 98507492 A 19921203
- US 98507592 A 19921203
- US 98546992 A 19921203
- US 98547192 A 19921203
- US 98547292 A 19921203

Abstract (en)

[origin: EP0607528A2] A toner container receiving apparatus has a sump (180) and a sump opening (184) with box-like upwardly extending vertical walls (182) around the sump opening. A toner container (110, 111, 112, 113) includes box-shaped downwardly extending walls (220) which fit around the sump walls when the container (110, 111, 112, 113) is positioned over the sump (180). A flexible cover (190) is movable from a covering position above the box-shaped walls through a curved path to a position alongside an exterior vertical wall of the container. A lever (212) on the receiving apparatus is movable to a vertical position and is coupled to structure which locks the container (110, 111, 112, 113) to the sump (180) during that movement. A handle (192) connected to the cover (190) is positioned to fit into a slot (206) into the lever (212) and prevent moving of the lever (212) away from its vertical locking position until the cover (190) has been moved to its covering position. The cover (190) is flexible enough to move through the curved path but stiff enough to be pushed back to its covering position. <IMAGE>

IPC 1-7

G03G 15/08; **G03G 15/01**; **G03G 21/16**; **G03G 21/18**

IPC 8 full level

G03G 15/00 (2006.01); **G03G 15/01** (2006.01); **G03G 15/08** (2006.01); **G03G 21/18** (2006.01)

CPC (source: EP)

G03G 15/0126 (2013.01); **G03G 15/0868** (2013.01); **G03G 15/0875** (2013.01); **G03G 15/0887** (2013.01); **G03G 15/5037** (2013.01); **G03G 21/1676** (2013.01); **G03G 21/1821** (2013.01); **G03G 2215/068** (2013.01); **G03G 2215/0685** (2013.01); **G03G 2215/0692** (2013.01); **G03G 2215/083** (2013.01); **G03G 2221/1618** (2013.01); **G03G 2221/1636** (2013.01); **G03G 2221/18** (2013.01)

Cited by

EP1962147A3; CN108062018A

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0607528 A2 19940727; **EP 0607528 A3 19940810**; **EP 0607528 B1 19970416**; DE 69309880 D1 19970522; DE 69309880 T2 19971016; JP H06230673 A 19940819

DOCDB simple family (application)

EP 93118730 A 19931122; DE 69309880 T 19931122; JP 30432393 A 19931203