

Title (en)

Blow-molded toner fillable cartridge and a method for forming same

Title (de)

Blasgeformte, mit Toner füllbare Kartusche und ein Verfahren zu ihrer Herstellung

Title (fr)

Cartouche moulée par soufflage remplissable avec toner et une méthode pour sa fabrication

Publication

EP 0793149 B1 19970910 (EN)

Application

EP 96107356 A 19960509

Priority

US 63878096 A 19960429

Abstract (en)

[origin: EP0793149A1] A toner fillable cartridge for use with the development device includes a blow-molded resin body, at least one protrusion integrally formed on the blow-molded resin body, and a toner box shielding member rotatable in relation to the blow-molded resin body to selectively seal a toner exhaust port. The toner box shielding member includes at least one lateral bearing surface that slidably engages with the at least one protrusion integrally formed on the blow-molded resin body. A method of forming a toner fillable cartridge includes blow-molding a resin toner body sealable at each end and having a toner exhaust port section formed between each end; and providing at least one integrally blow-molded protrusion on the toner body structured to slidably engage and guide a lateral surface of a toner box shielding member rotatable in relation to the blow-molded resin body. <IMAGE>

IPC 1-7

G03G 15/08

IPC 8 full level

G03G 15/08 (2006.01)

CPC (source: EP)

G03G 15/0855 (2013.01); **G03G 15/0856** (2013.01); **G03G 15/0865** (2013.01); **G03G 15/0868** (2013.01); **G03G 15/0872** (2013.01)

Cited by

EP1722279A1; EP2273319A1; EP2367069A1; EP1767999A3; US7783234B2; US7634218B2; US7925191B2; US7747192B2; US8121518B2

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

DE 29608446 U1 19960919; DE 69600064 D1 19971113; DE 69600064 T2 19980205; EP 0793149 A1 19970903; EP 0793149 B1 19970910

DOCDB simple family (application)

DE 29608446 U 19960509; DE 69600064 T 19960509; EP 96107356 A 19960509