

Title (en)

DEVICE FOR TRANSFERRING TONER FROM A TRANSPORT CARTRIDGE INTO A TONER HOPPER

Publication

EP 0238939 B1 19900606 (DE)

Application

EP 87103539 A 19870311

Priority

DE 3608605 A 19860314

Abstract (en)

[origin: US4833501A] An apparatus is provided for filling toner from a transport container into a toner reservoir from where the toner is then supplied to a developing station of an electro-photographic printer or copying device contains a toner reservoir which is divided into a settling space and into a suction space. The settling space and the suction space are separated via a filter. For transferring the toner from a transport container into the toner reservoir, the transport container is connected to the settling space via a flexible line. An evacuation pump connected to the suction space generates an underpressure, whereby the toner settles on the filter means of the settling space. A metering device situated at the floor of the settling space conveys the toner to the developing station.

IPC 1-7

G03G 15/08

IPC 8 full level

G03G 15/08 (2006.01)

CPC (source: EP US)

G03G 15/0855 (2013.01 - EP US); **G03G 15/0865** (2013.01 - EP US); **G03G 15/0894** (2013.01 - EP US); **Y10S 222/01** (2013.01 - EP US)

Cited by

US5521690A; EP0398458A3; DE10245031A1; DE10245031B4; US5201349A; DE10223206A1; DE10223232A1; DE10223232B4; WO9409412A1; WO8902616A1; US6889026B2; US7840166B2; US7561832B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 87103539 A 19870311; DE 3763118 T 19870311; JP 5696687 A 19870313; US 1798087 A 19870224