

Title (en)

Integrated toner cartridge with toner agitator and sensing device

Title (de)

Integrierte Tonerkartusche mit Tonerschüttler und Sensorvorrichtung

Title (fr)

Cartouche d'encre intégrée avec agitateur d'encre et dispositif de détection

Publication

EP 2196865 A3 20100901 (EN)

Application

EP 10158326 A 20050401

Priority

- EP 05735117 A 20050401
- US 52132604 P 20040401

Abstract (en)

[origin: WO2005098550A1] A toner cartridge with a uni-body construction reduces the cost of production as well as reducing the chance of failure during use. The toner cartridge includes a waste bin having a leading end that can be sculpted to mate with the cartridge-receiving cavities of a large number of printers. Additional improvements include an improved toner sifting agitator. The sifting action ensures that toner stays sufficiently fluid, and distributes evenly on the toner adder roller.

IPC 8 full level

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

CPC (source: EP)

G03G 15/0856 (2013.01); **G03G 15/0862** (2013.01); **G03G 15/0889** (2013.01); **G03G 21/12** (2013.01); **G03G 21/181** (2013.01); **G03G 21/1821** (2013.01); **G03G 2215/085** (2013.01); **G03G 2215/0888** (2013.01)

Citation (search report)

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WO2013184102A1; US9329525B2; US9804526B2; US10088774B2; US10241441B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2005098550 A1 20051020; BR PI0508061 A 20070717; CA 2561070 A1 20051020; CA 2561070 C 20100316; CA 2681904 A1 20051020; CA 2681904 C 20130625; EP 1730601 A2 20061213; EP 1730601 A4 20100217; EP 2196865 A2 20100616; EP 2196865 A3 20100901; WO 2005098549 A2 20051020; WO 2005098549 A3 20081113

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