

Title (en)
TONER DELIVERY SYSTEM FOR A SHAKE-FREE TONER CARTRIDGE

Title (de)
TONERZUFÜHRSYSTEM FÜR EINE SCHÜTTELFREIE TONERKARTUSCHE

Title (fr)
SYSTÈME DE DISTRIBUTION DE TONER POUR UNE CARTOUCHE DE TONER SANS AGITATION

Publication
EP 2798407 A4 20150812 (EN)

Application
EP 12861301 A 20121204

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- US 201113340866 A 20111230
- US 2012067716 W 20121204

Abstract (en)
[origin: WO2013101407A1] A toner delivery system for a shake-free toner cartridge comprises a toner paddle assembly having a plurality of scrapers. A main scraper scrapes toner adhering to interior surfaces and directs toner from a first region of the toner reservoir into the opening in a first portion of the front of the housing. A secondary scraper positioned adjacent with the main scraper scrapes and directs toner from a second region of the toner reservoir into the first region. A side scraper scrapes toner adhering to interior surfaces of respective side walls of the housing.

IPC 8 full level
G03G 15/08 (2006.01); **G03G 21/16** (2006.01)

CPC (source: EP)
G03G 15/0875 (2013.01); **G03G 15/0877** (2013.01); **G03G 21/1676** (2013.01)

Citation (search report)

- [XY] US 2009274491 A1 20091105 - SATO SHOUGO [JP]
- [XY] US 6456810 B1 20020924 - DEGUCHI HIDEAKI [JP], et al
- [Y] US 2009087226 A1 20090402 - YAMAZAKI RYUYA [JP], et al
- [IY] US 6385422 B1 20020507 - ISHIGURO YASUYUKI [JP], et al
- See references of WO 2013101407A1

Designated contracting state (EPC)
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