

Title (en)

Method and composition for recoating toner cartridge developing member

Title (de)

Verfahren und Zusammensetzung zur erneuten Beschichtung eines Tonerkartuschen-Entwicklungselements

Title (fr)

Procédé et composition pour le revêtement d'un élément de développement de cartouche d'encre

Publication

EP 2230561 A1 20100922 (EN)

Application

EP 09155789 A 20090320

Priority

EP 09155789 A 20090320

Abstract (en)

Methods of recoating a developing member such as the doctor blade (30), developing member bar or a developing sleeve, of an electro-photographic image forming apparatus, such as a laser printer toner cartridge, methods of re-using the original components by re-coating them, to cut the cost of using new aftermarket parts and to reduce waste, which methods include close quality control and "tailoring" of formulations to a specific developing system, thus achieving better print quality in terms of density, page yield, and uniformity for the repaired or remanufactured toner cartridge.

IPC 8 full level

G03G 15/08 (2006.01)

CPC (source: EP)

G03G 15/0812 (2013.01); **G03G 15/0894** (2013.01); **G03G 2215/00987** (2013.01)

Citation (search report)

- [Y] WO 0120421 A1 20010322 - CF TECHNOLOGIES [BE], et al
- [Y] DE 4320069 A1 19950112 - ROLAND MAN DRUCKMASCH [DE]
- [X] US 4888135 A 19891219 - TSUNAGA MASAYUKI [JP], et al
- [X] JP H06251619 A 19940909 - NGK INSULATORS LTD
- [X] EP 0043632 A1 19820113 - ELECTROCHEM ENERGIECONVERSIE [BE]
- [X] DE 20307223 U1 20040909 - CRAMER WEBEREI C [DE]

Cited by

EP2945021A1; US9223251B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2230561 A1 20100922

DOCDB simple family (application)

EP 09155789 A 20090320