

Title (en)

A method of making coated carrier particles for electrostatographic developer mixtures.

Title (de)

Verfahren zur Herstellung beschichteter Trägerteilchen für elektrostatische Entwicklungsmischungen.

Title (fr)

Procédé de fabrication de particules véhiculatrices revêtues pour des mélanges de développement électrostatographique.

Publication

EP 0034423 A1 19810826 (EN)

Application

EP 81300373 A 19810128

Priority

US 11606780 A 19800128

Abstract (en)

Electrostatographic carrier particles possessing all the desirable characteristics for development of negatively charged photoreceptor surfaces are provided by coating carrier cores with polyvinylidene fluoride. After coating, the carrier particles are thermally treated as to provide them with lower negative triboelectric charging values compared with untreated carrier particles.

IPC 1-7

G03G 9/10

IPC 8 full level

G03G 9/087 (2006.01); **G03G 9/09** (2006.01); **G03G 9/097** (2006.01); **G03G 9/10** (2006.01); **G03G 9/107** (2006.01); **G03G 9/113** (2006.01)

CPC (source: EP)

G03G 9/1131 (2013.01); **G03G 9/1134** (2013.01)

Citation (search report)

- GB 2014876 A 19790905 - XEROX CORP
- RESEARCH DISCLOSURE, June 1974, No. 122, art. No. 12243 HAMPSHIRE (GB) A.E. FIELDS: "Carrier particles for use in electrographic developer composition" pages 35-36 * The whole article *
- PRODUCT LICENSING INDEX, August 1972, No. 100, art. No. 10029 HAMPSHIRE (GB) "Method of and apparatus for fluidized bed coating of electrophotographic toner carrier particles" pages 69-71 * page 69, column 2, paragraphs 2-4; page 71, the examples *
- RESEARCH DISCLOSURE, April 1974, No. 120, art. No. 12050 HAMPSHIRE (GB) G. NEUNER: "Treating iron carrier particles for electrography" page 28 * Entire article *

Cited by

EP0645681A1; EP0767412A1; US5627001A; EP0532320A1

Designated contracting state (EPC)

BE FR GB NL

DOCDB simple family (publication)

EP 0034423 A1 19810826; CA 1148785 A 19830628; JP S56113146 A 19810905

DOCDB simple family (application)

EP 81300373 A 19810128; CA 365022 A 19801119; JP 779281 A 19810121