

Title (en)

Method for forming toner images with two distinct toners

Title (de)

Verfahren um Tonerbilder aus zwei unterschiedlichen Tonermaterialien zu erstellen

Title (fr)

Procédé de formation d'images de toner utilisant deux matériaux de toner distincts

Publication

**EP 0785478 A2 19970723 (EN)**

Application

**EP 97200016 A 19970106**

Priority

- US 58373296 A 19960117
- US 58373196 A 19960117

Abstract (en)

An image forming method which forms a two color toner image or an image made up of two types of toners of the same color includes forming a first image with discharged area development (DAD) and a second image with charged area development (CAD). Resolution and sharpness of the first toner image is improved if the second toner image is formed by imagewise exposing a photoconductive member through a transparent base. Scavenging of the first toner image by the development of the second toner image and other aspects of the method are improved by use of a rotating magnetic core to drive a developer containing hard magnetic carrier in a soft brush through contact with the electrostatic image. <IMAGE>

IPC 1-7

**G03G 13/09**

IPC 8 full level

**G03G 15/01** (2006.01); **G03G 13/01** (2006.01); **G03G 13/09** (2006.01); **G03G 13/22** (2006.01); **G03G 15/09** (2006.01); **G03G 21/10** (2006.01)

CPC (source: EP US)

**G03G 13/013** (2013.01 - EP US); **G03G 13/09** (2013.01 - EP); **G03G 13/22** (2013.01 - EP); **G03G 2215/0497** (2013.01 - EP)

Citation (applicant)

- US 5001028 A 19910319 - MOSEHAUER MICHAEL [US], et al
- US 5409791 A 19950425 - KAUKKINEN JOSEPH Y [US], et al
- EP 94107101 A 19940506
- US 5045893 A 19910903 - TABB CHARLES H [US]
- US 5208636 A 19930504 - REES JAMES D [US], et al
- US 5241356 A 19930831 - BRAY DANIEL M [US], et al
- US 5049949 A 19910917 - PARKER DELMER G [US], et al
- US 5258820 A 19931102 - TABB CHARLES H [US]
- EP 0625730 A2 19941123 - EASTMAN KODAK CO [US]
- US 4546060 A 19851008 - MISKINIS EDWARD T [US], et al

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 0785478 A2 19970723**; **EP 0785478 A3 20010103**; **EP 0785478 B1 20021211**; DE 69717688 D1 20030123; DE 69717688 T2 20030918; JP H09230667 A 19970905

DOCDB simple family (application)

**EP 97200016 A 19970106**; DE 69717688 T 19970106; JP 3545597 A 19970113