Title (en)

A DEVELOPING PROCESS FOR TWO-COLOURED ELECTROPHOTOGRAPHY AND A DEVELOPING APPARATUS FOR THE SAME

Publication

EP 0166544 B1 19880921 (EN)

Application

EP 85303870 A 19850531

Priority

JP 11233584 A 19840531

Abstract (en)

[origin: EP0166544A1] A developing process for two-colored electrophotography comprises: (1) feeding a developer to a non-magnetic sleeve, said developer comprising a first insulative and non-magnetic color toner charged with an electrical polarity, a second insulative and non-magnetic color toner charged with a different polarity from the charging polarity in the first color toner, and a magnetic carrier, (2) holding said developer on the sleeve, (3) transferring the first color toner from the sleeve to a first developing roller to hold on the first developing roller, (4) transferring the first color toner on the first developing roller to an electrostatic latent image on the surface of a photoreceptor with a different polarity from the charging polarity in the first color toner to form a visible image, (5) transferring the second color toner from the sleeve to a second developing roller to hold on the second developing roller, and (6) transferring the second color toner on the second developing roller to the other electrostatic latent image on the surface of the photoreceptor with the other polarity to form a visible image.

IPC 1-7

G03G 13/01; G03G 13/08; G03G 15/01; G03G 15/08

IPC 8 full level

G03G 13/01 (2006.01); **G03G 15/01** (2006.01); **G03G 15/08** (2006.01)

CPC (source: EP)

G03G 13/01 (2013.01); **G03G 15/0126** (2013.01); **G03G 15/0806** (2013.01); G03G 2215/0619 (2013.01); G03G 2215/0636 (2013.01)

Cited by

US5032872A; US5010368A; EP0461507A3; GB2242533A; GB2242533B; EP0322940A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0166544 A1 19860102; **EP 0166544 B1 19880921**; DE 3565184 D1 19881027; JP S60256159 A 19851217

DOCDB simple family (application)

EP 85303870 A 19850531; DE 3565184 T 19850531; JP 11233584 A 19840531