

Title (en)

Toner kit, method for forming a toner image, and image forming apparatus

Title (de)

Tonerkit, Toner, Bilderzeugungsverfahren und Bilderzeugungsgerät

Title (fr)

Kit de toner, procédé pour la formation d'images et appareil pour la formation d'images

Publication

EP 1975738 A8 20100609 (EN)

Application

EP 08153899 A 20030520

Priority

- EP 03011421 A 20030520
- JP 2002144250 A 20020520
- JP 2002232668 A 20020809
- JP 2002232667 A 20020809
- JP 2002233859 A 20020809
- JP 2002233858 A 20020809

Abstract (en)

[origin: EP1376255A2] The present invention provides: a color image forming apparatus that forms an image using a deep ie dark toner and a pale ie light toner at least for one color such that the pale toner is used to form an image in a high lightness area and the pale toner and the deep toner are used in combination to form the image in a half tone area; a toner kit having a deep toner and a pale toner which are separated from each other; and a method for forming an image using the color image forming apparatus, the toner kit, and the deep toner and the pale toner. According to the present invention, a high quality image can be formed while inhibiting graininess and roughness over a broad image area. <IMAGE>

IPC 8 full level

G03G 9/08 (2006.01); **G03G 9/09** (2006.01); **G03G 13/01** (2006.01); **G03G 15/01** (2006.01); **G03G 15/08** (2006.01)

CPC (source: EP KR US)

G03G 9/0821 (2013.01 - EP US); **G03G 9/09** (2013.01 - EP US); **G03G 9/0906** (2013.01 - EP US); **G03G 15/0115** (2013.01 - EP US); **G03G 15/08** (2013.01 - KR); **G03G 2215/0106** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1376255 A2 20040102; **EP 1376255 A3 20041006**; **EP 1376255 B1 20150114**; CN 100365516 C 20080130; CN 1472605 A 20040204; EP 1975738 A2 20081001; EP 1975738 A3 20081015; EP 1975738 A8 20100609; EP 1975738 B1 20120516; EP 2120101 A1 20091118; EP 2120101 B1 20120321; KR 100515231 B1 20050916; KR 100538497 B1 20051223; KR 20040021513 A 20040310; KR 20050039796 A 20050429; US 2004013958 A1 20040122; US 6996358 B2 20060207

DOCDB simple family (application)

EP 03011421 A 20030520; CN 03136046 A 20030520; EP 08153899 A 20030520; EP 09156404 A 20030520; KR 20030031868 A 20030520; KR 20050026964 A 20050331; US 44116503 A 20030520