

Title (en)

Toner, toner container, two-component developer and image forming method and apparatus using the toner

Title (de)

Toner, Tonerbehälter, Zweikomponentenentwickler und Bildherstellungsverfahren und Apparat, worin der Toner verwendet wird

Title (fr)

Révéléateur, récipient de révélateur, agent de développement à deux composants, procédé de production d' image et appareil utilisant le révélateur

Publication

EP 1505452 A2 20050209 (EN)

Application

EP 04017848 A 20040728

Priority

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Abstract (en)

A toner including a binder resin; and a colorant including an iron oxide compound including Ti in such an amount that the weight of Ti atom is from 10 to 45 % by weight based on the weight of Fe atom therein when measured with a wavelength dispersive fluorescent X-ray analyzer, wherein the content of the black iron oxide compound in the toner is from 15 to 40 % by weight, and the coercive force of the toner is from 2 to 15 kA/m in a magnetic field of 398 Am²/Kg when measured with a multi-sample rotation type magnetization measurement system from Toei Industry Co., Ltd. A toner container containing the toner. A two-component developer including the toner and a carrier. An image forming method in which a toner image is formed by performing charging; latent image forming; developing using a developer including the toner; image transferring; image fixing; and cleaning. A process cartridge (30) including at least a developing device (33) using the toner and a housing (35). <IMAGE>

IPC 1-7

G03G 9/09; **G03G 9/08**; **G03G 9/083**

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G03G 9/08 (2006.01); **G03G 9/083** (2006.01); **G03G 9/09** (2006.01)

CPC (source: EP)

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