

Title (en)
DEVELOPING METHOD USING TWO-COMPONENT TYPE DEVELOPER

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EP 0405694 A3 19910605 (EN)

Application
EP 90201738 A 19900629

Priority
JP 16695289 A 19890630

Abstract (en)
[origin: EP0405694A2] In a developing method comprising delivering a two-component type developer (18) comprising a magnetic carrier and a toner and developing an electrostatic latent image on a photosensitive drum (15), the developing conditions are set so that the degree (R) of substitution of the developer, which is the ratio of substitution of the volume of the developing zone by a fresh carrier/toner aggregate (developer) during the developing time, is within a specific range of from 16.00 to 33.00%. According to this developing method, in the reproduction of multiple fine lines, the line width is kept constant in each line and front end lacking or rear end lacking can be prevented, and an image having a high density and a high quality can be formed with an excellent image reproducibility.

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G03G 13/09

IPC 8 full level
G03G 9/08 (2006.01); **G03G 13/09** (2006.01); **G03G 15/09** (2006.01)

CPC (source: EP)
G03G 9/08 (2013.01); **G03G 13/09** (2013.01)

Citation (search report)
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• [Y] US 4394432 A 19830719 - NISHIKAWA MASAJI [JP]
• [A] EP 0219233 A2 19870422 - CANON KK [JP]
• [A] PATENT ABSTRACTS OF JAPAN, vol. 12, no. 210 (P-717)[3057], 16th June 1988; & JP-A-63 8771 (CANON) 14-01-1988
• [AD] PATENT ABSTRACTS OF JAPAN, vol. 12, no. 499 (P-807)[3346], 27th December 1988; & JP-A-63 208 867 (MINOLTA) 30-08-1988

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