

Title (en)

Method of using an image forming apparatus

Title (de)

Verfahren zur Verwendung eines Bilderzeugungsgeräts

Title (fr)

Procédé d'utilisation d'un appareil de formation d'images

Publication

EP 0957411 A1 19991117 (EN)

Application

EP 99303186 A 19990423

Priority

- EP 99303186 A 19990423
- EP 98303674 A 19980511

Abstract (en)

An image forming apparatus is used, in which an electrostatic image formed on a moving image forming belt is developed by AC development. Where the image forming belt moves at a speed of v_p mm/s, the cleaning potential defined as the absolute value of the difference between the potential of the non-image areas and the DC bias potential is V_{cl} volts, and the AC bias frequency is f kHz, the function Z satisfies the following equation: $\langle \text{MATH} \rangle$ Images substantially free of background development are thereby obtained.

IPC 1-7

G03G 15/09; **G03G 15/08**

IPC 8 full level

G03G 13/09 (2006.01); **G03G 15/06** (2006.01)

CPC (source: EP)

G03G 13/09 (2013.01); **G03G 15/065** (2013.01); **G03G 2215/018** (2013.01)

Citation (search report)

- [XD] EP 0432998 A2 19910619 - XEROX CORP [US]
- [XD] US 5409791 A 19950425 - KAUKEINEN JOSEPH Y [US], et al
- [XY] US 5236795 A 19930817 - BERMAN ROBIN E [US], et al
- [Y] US 4780385 A 19881025 - WIELOCH FRANCIS J [US], et al
- [Y] US 5080988 A 19920114 - GERMAIN RICHARD P [US], et al
- [DA] US 5314774 A 19940524 - CAMIS THOMAS [US]
- [A] US 5227270 A 19930713 - SCHEUER MARK A [US], et al

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0957411 A1 19991117

DOCDB simple family (application)

EP 99303186 A 19990423