

Title (en)

Maintaining precise electrostatic control using two esvs.

Title (de)

Sicherstellung hochwertiger elektrostatischer Kontrolle durch Verwendung zweier elektrostatischer Voltmeter.

Title (fr)

Maintien d'un contrÔle électrostatique avec précision en utilisant deux voltmètres électrostatiques.

Publication

EP 0601801 A2 19940615 (EN)

Application

EP 93309687 A 19931203

Priority

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Abstract (en)

Erroneous voltage readings of Electrostatic Voltmeters (ESVs), which have become contaminated by charged particles (i.e. toner) from developer housings (58,60) used for developing latent images on a photoreceptor surface (10), are negated by adjusting the readings of the ESVs (ESV1,ESV2) to compensate for the contamination of the ESVs. Additionally, the developer housing biases (70,71) are adjusted by an amount equal to the difference between the voltages measured by the ESVs thereby insuring proper development and cleaning fields during development.
<IMAGE>

IPC 1-7

G03G 15/01

IPC 8 full level

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CPC (source: EP)

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