

Title (en)

Liquid developing material layer charging

Title (de)

System zum Aufladen einer Flüssigentwicklersschicht

Title (fr)

Système de chargement d'une couche de développeur liquide

Publication

**EP 0913744 A3 19990728 (EN)**

Application

**EP 98308759 A 19981027**

Priority

US 96330197 A 19971103

Abstract (en)

[origin: EP0913744A2] An electrostatic latent image development method and apparatus, wherein a thin layer (58) of liquid developing material (54) is brought into a process nip (59) formed by operative engagement of first (10) and second (40) movable members for positioning the thin layer (58) of liquid developing material in pressure contact with the electrostatic latent image. An ion source (48) is provided for selectively charging the layer (58) of liquid developing material prior to entry into the process nip (59). By applying a charge to the layer (58) of liquid developing material, image separation in the nip (59) is optimized and the use of liquid developing materials (54) having toner particles with poor or neutral charge thereon, as well as toner particles having reverse charge polarity thereon is enabled. <IMAGE>

IPC 1-7

**G03G 15/10**

IPC 8 full level

**G03G 15/10** (2006.01)

CPC (source: EP)

**G03G 15/101** (2013.01)

Citation (search report)

- [X] EP 0788035 A1 19970806 - SONY CORP [JP]
- [DY] US 5436706 A 19950725 - LANDA BENZION [CA], et al
- [Y] FR 2256451 A1 19750725 - XEROX CORP [US]

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US7930404B2

Designated contracting state (EPC)

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**EP 0913744 A2 19990506; EP 0913744 A3 19990728**; JP H11202631 A 19990730

DOCDB simple family (application)

**EP 98308759 A 19981027**; JP 30176698 A 19981023