

Title (en)

Recording apparatus.

Title (de)

Aufnahmegerät.

Title (fr)

Appareil d'enregistrement.

Publication

EP 0459607 A2 19911204 (EN)

Application

EP 91300504 A 19910123

Priority

JP 14297090 A 19900531

Abstract (en)

The recording apparatus comprises an electrostatic latent image base (1), charging means (13) for equally charging the surface of the electrostatic latent image base (1), means for attenuating part of electric charges on the surface of the electrostatic latent image base charged by the charging means and for forming an electrostatic latent image, developing means (3) for adhering toner particles on the electrostatic latent image so as to form a toner image, and transferring means (5) for transferring the toner image onto an image base. The developing means (3) attracts and collects residual toner particles into the developing means and develops the electrostatic latent image at the same time. The charging means (13) has a particular charging function and a residual toner image equalizing function for disturbing a residual toner image left on the electrostatic latent image base and for equalizing the distribution of the toner particles. The charging and residual toner image equalizing means securely charges the electrostatic latent image base and equalizes the residual toner particles at the same time. The recording apparatus can be readily structured in small size and at low cost. The recording apparatus is free from contamination due to by-product in the discharging operation. Furthermore, the recording apparatus can usually output ghost-free high quality images. <IMAGE>

IPC 1-7

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CPC (source: EP KR)

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Cited by

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