

Title (en)
APPARATUS AND METHOD FOR ELECTROPHOTOGRAPHIC PRINTING.

Title (de)
ELEKTROPHOTOGRAPHISCHES DRUCKVERFAHREN UND -GERÄT.

Title (fr)
APPAREIL ET PROCEDE D'IMPRESSION ELECTROSTATIQUE.

Publication
EP 0642062 A1 19950308 (EN)

Application
EP 94905209 A 19940126

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Abstract (en)
This apparatus comprises a photosensitive drum; exposing means for forming a plurality of electrostatic latent images on the photosensitive drum one after another in accordance with the color-separated printing information; means for developing the electrostatic latent images on the photosensitive drum one after another by toners having the hues corresponding to the color-separated printing information to turn them into toner images; and intermediate transfer medium which is pressed to the photosensitive drum so that the toner image on the photosensitive drum is transferred to it one after another and a multi-color toner image is formed on it; means to transport a recording medium to and from the intermediate transfer medium in order to transfer and fix the multi-color toner image formed on the intermediate transfer medium to the recording medium; and a thermally fixing means which is pressed to the intermediate transfer medium through the recording medium. A plurality of electrostatic latent images in yellow, magenta, cyan, and black in that order are formed on the photosensitive drum in accordance with the printing information separated for yellow, magenta, cyan, and black. The electrostatic latent images are developed by use of toners having hues corresponding to the color-separated printing information in order to form the yellow, magenta, cyan, and black images in that order. The respective color toner images are transferred to the intermediate transfer medium sequentially in the order of yellow, magenta, cyan, and black to form a multi-colored toner image on the intermediate transfer medium. This multi-color toner image is transferred and fixed to the recording medium. <IMAGE>

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