

Title (en)

Method of improving maximum density and tonal range of electrographic images and an electrographic copying apparatus using the method.

Title (de)

Verfahren zur Verbesserung der maximalen Dichte und des Tonumfangs elektrographischer Bilder und elektrographisches Kopiergerät zur Durchführung des Verfahrens.

Title (fr)

Procédé pour améliorer la densité maximale et l'étendue de variations des tons d'images électrographiques et copieur électrographique employant ce procédé.

Publication

**EP 0018742 A1 19801112 (EN)**

Application

**EP 80301189 A 19800415**

Priority

US 3066879 A 19790416

Abstract (en)

The image quality obtainable by an electrographic copying process in which an electrostatic latent image formed by imagewise exposure of a uniformly charged photoconductive layer, or otherwise, is developed with a toner can be improved if the latent image comprises discrete charge bearing zones, preferably formed by a supplementary exposure through a half-tone screen, and if additionally the toner is electrically conductive either intrinsically or as a result of electrical break-down. In this manner, the maximum density obtainable in a copy can be increased and the contrast decreased sufficiently to allow good reproduction of both continuous tone and high contrast images.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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