

Title (en)

METHOD OF IMPROVING MAXIMUM DENSITY AND TONAL RANGE OF ELECTROGRAPHIC IMAGES, A PHOTOCONDUCTIVE ELEMENT THEREFOR AND AN ELECTROGRAPHIC COPYING APPARATUS USING THE METHOD

Publication

**EP 0018742 B2 19880824 (EN)**

Application

**EP 80301189 A 19800415**

Priority

US 3066879 A 19790416

Abstract (en)

[origin: EP0018742A1] 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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