

Title (en)

Improved enhancement layer for electrophotographic devices and method for decreasing charge fatigue through the use of said layer.

Title (de)

Anreicherungsschicht für elektrophotographische Anlagen und Verfahren zum Verringern von Ladungsmüdigkeit.

Title (fr)

Couche d'enrichissement pour dispositifs électrophotographiques et procédé pour diminuer la fatigue de charge.

Publication

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Application

EP 86111267 A 19860814

Priority

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Abstract (en)

An improved enhancement layer (18) operatively disposed between the top protective layer (19) and the photoconductive layer (16) of an electrophotographic device (10). The enhancement layer (18) is specifically tailored from a semiconductor alloy material designed to substantially prevent charge carriers from being caught in deep midgap traps as said carriers move toward the surface of the electrophotographic device (10) from the photoconductive layer (16) thereof. A method of substantially improving charge fatigue characteristics through the use of such an improved enhancement layer (18) is also disclosed.

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