

Title (en)

IMPROVED ENHANCEMENT LAYER FOR ELECTROPHOTOGRAPHIC DEVICES AND METHOD FOR DECREASING CHARGE FATIGUE THROUGH THE USE OF SAID LAYER

Publication

**EP 0212581 B1 19930721 (EN)**

Application

**EP 86111267 A 19860814**

Priority

US 76910685 A 19850826

Abstract (en)

[origin: EP0212581A2] 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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**G03G 5/082**

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