

Title (en)

Apparatus and methods for non impact imaging and digital printing

Title (de)

Gerät und Verfahren für anschlaglose digitale Drucktechnik

Title (fr)

Appareil et procédés pour l'impression numérique sans impact

Publication

EP 0706891 A3 19980506 (EN)

Application

EP 95305603 A 19950811

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- IL 11380195 A 19950521
- US 48741695 A 19950607

Abstract (en)

[origin: EP0706891A2] The present disclosure presents an apparatus for pattern generation on a dielectric substrate comprising an imaging drum including a dielectric pattern receiving and retaining substrate, a plurality of electrodes underlying the pattern receiving and retaining dielectric substrate, imaging circuitry for application of voltage signals to the plurality of electrodes, an elongate charge source operative to apply a flow of charges to the dielectric substrate, thereby creating a latent image thereon, a developing unit operative to apply toner to the dielectric substrate, thereby producing a toned image according to the latent image, and a transfer unit operative to transfer the toned image to a substrate. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XY] WO 9219938 A1 19921112 - CUBITAL AMERICA INC [US]
- [Y] US 4611901 A 19860916 - KOHYAMA MITSUAKI [JP], et al
- [AD] US 2987660 A 19610606 - WALKUP LEWIS E

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