

Title (en)

DEVICE AND METHOD FOR INKING A CHARGE PATTERN USING A TONER SPRAYING DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM EINFÄRBen EINES LADUNGSBILDES ÜBER EINE TONERSPRÜHEINRICHTUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR PIGMENTER UNE IMAGE ELECTRONIQUE DE CHARGE PAR L'INTERMEDIAIRE D'UN DISPOSITIF DE PULVERISATION DE TONER

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Application

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Abstract (en)

[origin: WO9857233A1] The invention relates to a developer device containing a toner spraying device (11) configured in the same way as a powder coating device. Said toner spraying device (11) produces a mixed stream (15) from a mixture of toner and air. Toner particles of a defined toner charge are deposited on an applicator roll (16) where they form a homogenous layer of toner, said applicator roll being located in the mixed stream (15). The toner particles jump over onto the carrier material (10) in a transfer area (18) with a narrow developer gap and ink said carrier material according to the charge pattern.

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