

Title (en)

Cleaning method for recycling a printing substrate by laser ablation

Title (de)

Reinigungsverfahren zur Wiederverwendung eines Druckträgers durch Laserablation

Title (fr)

Procédé de nettoyage pour recyclage d' un substrat d' impression par ablation au laser

Publication

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Application

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Priority

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Abstract (en)

A method is disclosed for removing ink-accepting areas from a printing master by laser ablation, characterized in that the printing master comprises a substrate which comprises a support and a base layer, wherein the base layer contains a crosslinked hydrophilic binder and a metal oxide. The base layer prevents deterioration of the quality of the substrate due to the laser ablation. In a preferred embodiment, the same substrate is used in a number of consecutive printing cycles of on-press coating, on-press exposure, printing and cleaning.

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Citation (search report)

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