

Title (en)
STREAKINESS REDUCTION IN INKJET PRINTING

Title (de)
VERMINDERUNG DER STREIFIGKEIT BEIM TINTENSTRAHLDRUCK

Title (fr)
RÉDUCTION DE L'EFFET DE STRIAGE DANS L'IMPRESSION PAR JET D'ENCRE

Publication
EP 3957484 B1 20231011 (EN)

Application
EP 20191708 A 20200819

Priority
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Abstract (en)
[origin: EP3957484A1] A method for reducing streakiness in inkjet prints is disclosed. The printer comprises a page-wide array of ink jetting units, that apply ink drops on a receiving medium in accordance with an input image. The method comprises a number of steps, wherein a first optical density profile across the width of the array is determined for a first input image that comprises uniform test patterns of various density levels and a second optical density profile for a second input image wherein a number of jetting units are intentionally blocked. A comparison of two profiles yields an effect of a blocked ink jetting unit. Using this effect a correction table for the density associated with each jetting unit is composed and an input image is printed after processing an array of pixels associated with a particular ink jetting unit with the corresponding correction factor.

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