

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 A1 20220223 (EN)**

Application  
**EP 20191708 A 20200819**

Priority  
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Abstract (en)  
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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Citation (search report)  
• [A] US 2010207983 A1 20100819 - SASAYAMA HIROYUKI [JP]  
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