

Title (en)  
Intermittent electrocoagulation printing method and apparatus

Title (de)  
Intermittierendes Elektrocoagulationsdruckverfahren und Vorrichtung

Title (fr)  
Appareil et procédé d'impression intermittent par électrocoagulation

Publication  
**EP 1084828 A2 20010321 (EN)**

Application  
**EP 00120006 A 20000914**

Priority  
CA 2282188 A 19990915

Abstract (en)  
An image is reproduced and transferred onto a substrate by (a) providing a positive electrode having a continuous passivated surface moving at substantially constant speed along a predetermined path, the passivated surface defining a positive electrode active surface; (b) forming on the positive electrode active surface a plurality of dots of colored, coagulated ink representative of a desired image, by electrocoagulation of an electrolytically coagulable polymer present in an electrocoagulation printing ink containing a coloring agent; and (c) bringing a substrate into contact with the dots of colored, coagulated ink to cause transfer of the colored, coagulated ink from the positive electrode active surface onto the substrate and thereby imprint the substrate with the image.

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**B41C 1/10**

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