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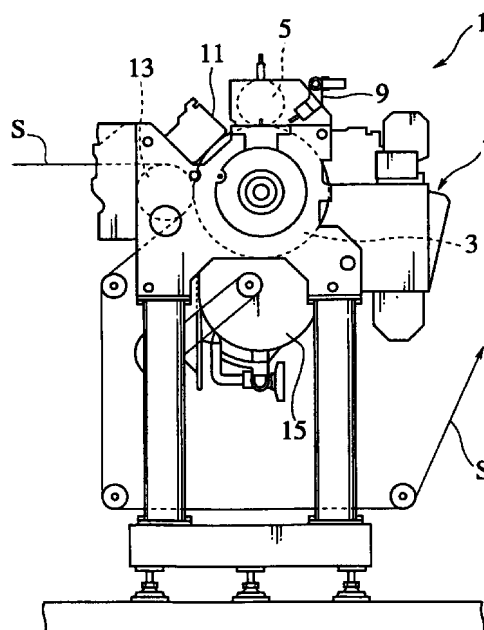
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(54) **Method and coating agent for electrocoagulation printing**

(57) An improved electrocoagulation printing method comprises the steps of a) providing a positive electrode having a passivated surface moving at substantially constant speed along a predetermined path; b) coating the positive electrode surface with a coating agent containing silicon oxide and an oily substance to form on the surface micro-droplets of the coating agent; c) forming on the positive electrode surface having micro-droplets thereon a plurality of dots of coagulated ink representative of a desired image, by electrocoagulation of an electrolytically coagulable printing ink comprising an electrolytically coagulable polymer, a liquid medium, a soluble electrolyte and a coloring agent; and d-1) bringing a substrate into contact with the positive electrode surface to cause transfer of the dots of coagulated ink from the positive electrode surface onto the substrate and thereby imprint the substrate with the image.

The method prevents anode abrasion and pitting during electrocoagulation printing.

FIG. 1



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US 5 538 601 A (CASTEGNIER ADRIEN) 23 July 1996 -----	1	B41C1/10
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 March 1999	Examiner Rasschaert, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 11 6206

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82