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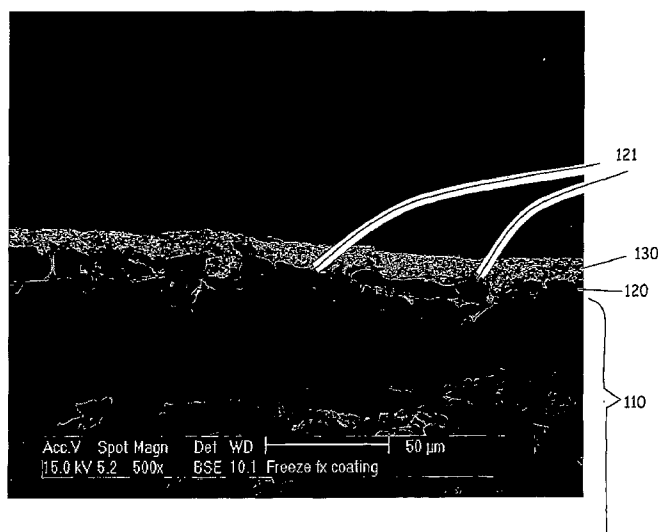
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[Continued on next page]

(54) Title: METHOD FOR TREATING A SUBSTRATE



(57) Abstract: A method for treating a substrate is described. In accordance with one aspect, the method includes applying a polymer coating to a substrate, and bringing the polymer coating into contact with a heated surface while the coating is still in a wet state. Optionally the polymer coating may include a crosslinkable material, and a crosslinking agent may be used to promote crosslinking. The polymer coating replicates the heated surface. A product produced in accordance with the described method is also disclosed. The product is characterized by having subsurface voids within the coating.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/04742

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C09J 103/00, C09D 4/00, C09D 101/00 (2007.08)

USPC - 106/206.1, 106/124.1, 106/243, 106/270

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

USPC: 106/206.1, 106/124.1, 106/243, 106/270

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST (USPT, PGPB, EPAB, JPAB); DialodPRO; Google Scholar

Search terms: Substrate, aqueous, polymer, solution, first, coating, wet, film, release, agent, heated, surface, temperature, boil, voids, drying, cellulose, paper, borax, borates, wax, starch, gelatin, casein, petroleum, natural, pigments, binders, fillers

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,617,239 A (MARUYAMA) 14 October 1986 (14.10.1986), especially, (col 2, ln 8-10), (col 8, ln 6-17), (col 8, ln 41), (col 8, ln 62-68), (col 9, ln 1-2) and (col 10, ln 37-41).	1-162
Y	US 6,991,706 B2 (LINDSAY) 31 January 2006 (31.01.2006), especially, (col 1, ln 49), (col 3, ln 44-53), (col 4, ln 46), (col 5, ln 19-22), (col 7, ln 5-14), (col 8, ln 62-68), (col 9, ln 1-2), (col 18, ln 15-18), (col 20, ln 3-25), (col 20, ln 27-33), (col 22, ln 7-13), (col 26, ln 39-58), (col 31, ln 49-54) and claim 79.	1-162
Y	US 6,332,953 B1 (SINGH) 25 December 2001 (25.12.2001), especially, (col 2, ln 50-54).	1-162
Y	US 2003/019885 A1 (TAMAGAWA) 23 October 2003 (23.10.2003), especially, para [0028], [0029], [0037], [0039], [0067], [0185], [0186], [0237], [0263], [0351], [0363], [0365], [0377] and [0378].	7, 9, 12, 24, 26, 30, 43, 46, 58, 61, 88, 90, 94, 108, 111, 114, 129, 132, 135, 148, 151 and 154

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