

Title (en)
METHOD FOR TREATING A SUBSTRATE

Title (de)
VERFAHREN ZUR SUBSTRATBEHANDLUNG

Title (fr)
PROCÉDÉ DE TRAITEMENT D'UN SUBSTRAT

Publication
EP 1987110 A4 20091111 (EN)

Application
EP 07751498 A 20070222

Priority
• US 2007004742 W 20070222
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Abstract (en)
[origin: WO2007100667A2] 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.

IPC 8 full level
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Citation (search report)
• [X] WO 9629199 A1 19960926 - MACMILLAN BLOEDEL PACKAGING IN [US]
• [X] EP 1197503 A2 20020417 - ROHM & HAAS [US]
• [X] EP 0218956 A1 19870422 - ASAHI GLASS CO LTD [JP]
• [X] EP 0959176 A1 19991124 - ROHM & HAAS [US]
• [X] GB 1331816 A 19730926 - PENICK & FORD LTD
• [X] GB 1287919 A 19720906
• [XP] US 2006057358 A1 20060316 - MIYAKE KAZUHITO [JP]
• [X] US 3480455 A 19691125 - RICHARDSON CHARLES A
• [X] CLANCY J J ET AL: "Introduction to bubble coatings", 1 October 1965, TAPPI, GA, PAGE(S) 51A - 53A, ISSN: 0039-8241, XP009121998
• See references of WO 2007100667A2

Citation (examination)
• US 3702779 A 19721114 - FADNER THOMAS A, et al
• "TAPPI T-538 Roughness of paper and paperboard", TAPPI SPECIAL TECHNICAL ASSOCIATION PUBLICATION, TAPPI PRESS, ATLANTA, GA, US, 5 May 2008 (2008-05-05), pages 15pp, XP009166561, ISSN: 0375-9946

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