

Title (en)

COMBINATORIAL SYSTEMS AND METHODS FOR COATING WITH ORGANIC MATERIALS

Title (de)

KOMBINATORISCHE ANLAGEN UND METHODEN ZUR OBERFLÄCHENBESCHICHTUNG MIT ORGANISCHEN MATERIALIEN

Title (fr)

SYSTEMES DE REVETEMENTS COMBINATOIRES ET PROCEDES D'APPLICATION AVEC DES MATERIAUX ORGANIQUES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0228522A1] Systems and methods for high throughput fabrication and analysis of an array of coated materials. A system (10) of one embodiment for making an array of coated materials includes a plurality of organic materials (14) and a delivery mechanism (12) for delivering each of the plurality of organic materials to a delivery area (24). The delivery mechanism has a plurality of sources (38) each associated with a corresponding one of the plurality of organic materials. Each of the plurality of sources provides a thickness distribution profile (18) of the corresponding organic material at least partially positioned in the delivery area, where at least one of the thickness distribution profiles varies across the delivery area. A method of one embodiment for making an array of coated materials includes providing a plurality of organic materials (14) and selectively delivering each of the plurality of organic materials to a delivery area (24). Each of the delivered plurality of organic materials has a thickness distribution profile (48) at least partially positioned in the delivery area, where at least one of the thickness distribution profiles varies across the delivery area.

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