Title (en)

COMBINATORIAL COATING SYSTEMS AND METHODS

Title (de)

KOMBINATORISCHE BESCHICHTUNGSANLAGEN UND METHODEN

Title (fr)

SYSTEMES ET PROCEDES DE REVETEMENTS COMBINATOIRES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0224321A1] Systems and method for high throughput fabrication and analysis of an array of coated materials. The methods include selectively delivering at least one of a plurality of materials (14) to the surface (16) of a substrate (18) having a plurality of predefined regions (22) to form a predefined coating (30) on each of the regions. In the selective delivery of the materials, each of the plurality of materials is positioned for simultaneous delivery to the substrate. The systems(10) include a substrate (18) having a surface (16) with a plurality of predefined regions (22), where a plurality of materials (14) are provided for coating the substrate. A delivery mechanism (12) associated with the plurality of materials is positioned to simultaneously deliver each of the plurality of materials onto the surface of the substrate. Further, a controller (26) is utilized to control the delivery mechanism to selectively deliver each of the plurality of materials such that each of the plurality of the predefined regions of the substrate has a predefined coating (30).

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