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**Hajduk et al.**

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(54) **HIGH THROUGHPUT MECHANICAL PROPERTY AND BULGE TESTING OF MATERIALS LIBRARIES**

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(51) **Int. Cl.**<sup>7</sup> ..... **G01N 3/08**

(52) **U.S. Cl.** ..... **73/819**

(58) **Field of Search** ..... 73/819, 150 A, 73/800, 818, 826, 827, 862.041, 862.046

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(57) **ABSTRACT**

A method for high throughput mechanical property and bulge testing of materials libraries. A plurality of samples on a substrate are monitored for their response to a force from a fluid.

**33 Claims, 7 Drawing Sheets**

