



US 20030141613A1

(19) **United States**

(12) **Patent Application Publication**

(10) **Pub. No.: US 2003/0141613 A1**

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(43) **Pub. Date:**

Jul. 31, 2003

(54) **HIGH THROUGHPUT PREPARATION AND ANALYSIS OF PLASTICALLY SHAPED MATERIAL SAMPLES**

Related U.S. Application Data

(60) Provisional application No. 60/353,912, filed on Jan. 31, 2002.

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Publication Classification

(51) **Int. Cl.⁷** **B05D 1/40**; B29C 31/00
(52) **U.S. Cl.** **264/40.3**; 427/331

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(57) **ABSTRACT**

A rapid throughput method for the preparation, analysis or both of libraries of material samples is provided. According to the method, a plurality of samples is provided. The plurality of samples is then formed into a plurality of films. Thereafter, the plurality of films is plastically deformed. Preferably, the plurality of films is deformed into a configuration appropriate for testing of properties or characteristics of the samples.

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(21) Appl. No.: **10/313,477**

(22) Filed: **Dec. 6, 2002**

