Combinatorial process for Bulk Metallic Glasses

OCR Number: OCR 6186

Rapid Development of BMG Alloys with High Formability

High-Throughput Characterization

\[ F \propto \frac{h}{S} \]

Compositional Library

- Gas Releasing Agents
- (GRAs)
- (GRAs) Si
- Steel

Combinatorial Sputtering

Al
- 10-30 %

Cu
- 30-60 %

Zr
- 30-55 %
High-Throughput Characterization of Formability

A. $F \propto \frac{h}{S}$

B. 

C. 

~3000 compositions
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