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

<table>
<thead>
<tr>
<th>Adhesion Layer</th>
<th>(GRAS)</th>
<th>(GRAS)</th>
<th>Si</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
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Gas Releasing Agents

Al  10-30%
Cu  30-60%
Zr  30-55%
High-Throughput Characterization of Formability

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

A. 

B. 

C. 

Si Mold

MG Film

~3000 compositions
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