

LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

Team Name: RRCO

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Submission Title: Composite Discharge Media

Submission Track: Track 3: Safe or Inert Storage and Transportation

Abstract: (<100 Word)

Patent pending electrically conductive beads provide a continuous, controlled resistance, electrical connection between the battery or cell terminals. The electrical properties of the beads can be tailored resulting in a controlled discharge rate of the lithium cells. Placing a lithium cell in a bed of the beads provides a conductive network to discharge the cells at a safe current level, having the same effect as a brine solution but without the corrosion and leaching concerns, hazardous waste generation and potential explosive gas production.

Optional Images



Lithium-Ion Battery Recycling Prize

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