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(54) **Title:** DEVICES, SYSTEMS, AND METHODS FOR CONTROLLING VENT GASES AND EJECTA FROM THERMAL RUN-
AWAY EVENTS IN ENERGY STORAGE SYSTEMS

(57) **Abstract:** The present disclosure relates to materials and systems to manage thermal runaway issues in battery modules. In exem-
plary embodiments, a battery module includes battery cells separated by spacer elements. To mitigate thermal runaway issues, spacer
elements may be extended to the interior surface of the enclosure. A seal is formed between the spacer elements and the interior wall
to form a thermal barrier between adjacent battery cells.



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