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(54) **FLEXIBLE BATTERY STRUCTURE**

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(52) **U.S. Cl.**

CPC ***H01M 2/1061*** (2013.01); ***H01M 10/0436*** (2013.01); ***H05K 5/0017*** (2013.01); ***H05K 5/0086*** (2013.01); ***H05K 5/0217*** (2013.01); *H01M 2/1066* (2013.01); *H01M 2220/30* (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

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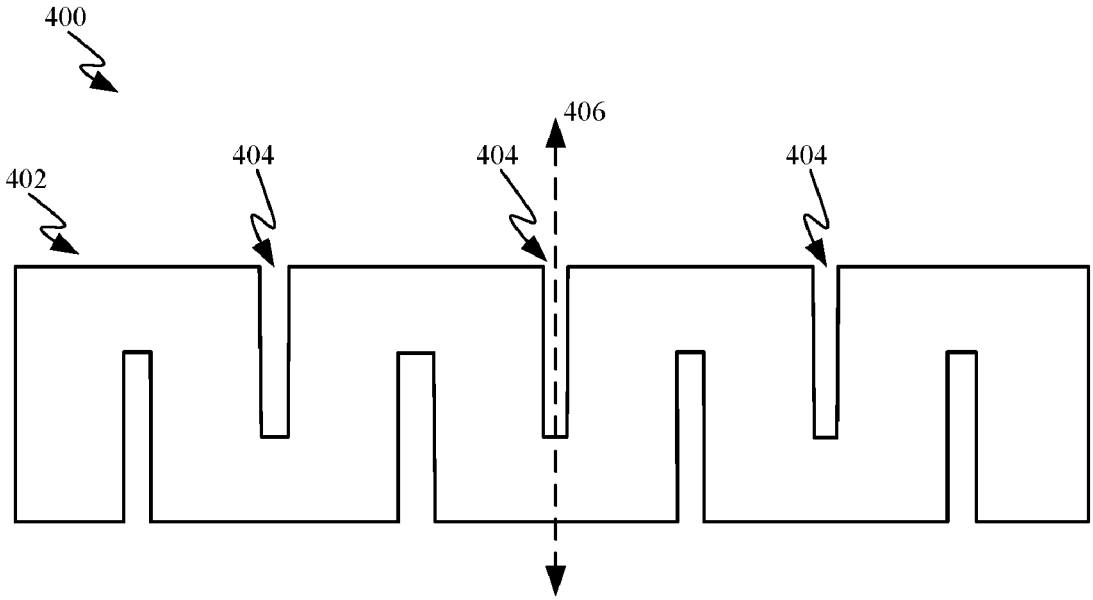
(57) **ABSTRACT**

A number of different battery cell configurations are disclosed. Flexible battery cells are used to form a flexible structure capable of bending and flexing to accommodate movement of components of an electronic device. In some embodiments, the flexible battery cells can include cathode and anode layers joined together by a separator.

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