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(54) Title: ELECTRODE ASSEMBLIES INCLUDING CURRENT LIMITERS, SECONDARY BATTERIES HAVING SUCH ELECTRODE ASSEMBLIES, AND METHODS OF TESTING

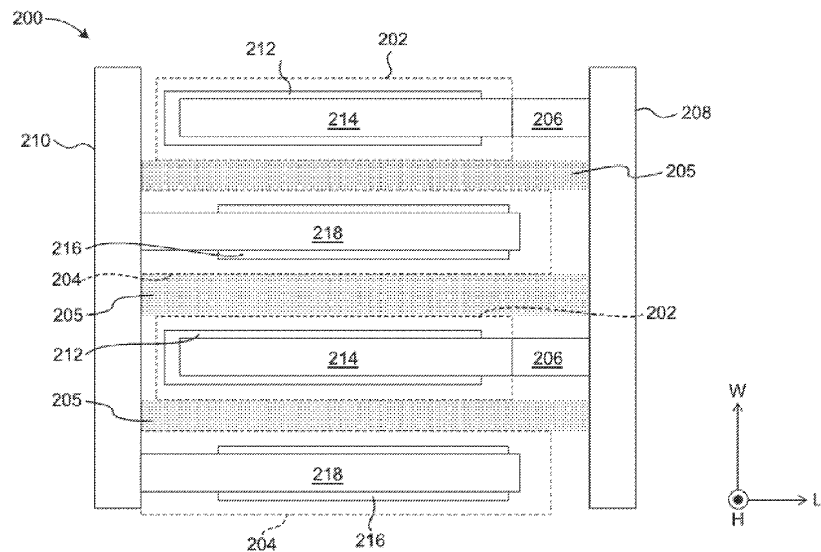


FIG. 2

(57) Abstract: An electrode assembly for cycling between a charged state and a discharged state within a range of normal operating temperatures between negative 20 degrees Celsius (°C) and 80°C includes a population of unit cells, a population of current limiters, an electrode busbar, and a counter-electrode busbar. Each member of the unit cell population comprises an electrode structure, a separator structure, and a counter-electrode structure. At least one member of the current limiter population is electrically connected between the unit cell and the electrode busbar or the counter-electrode busbar. For each unit cell, the at least one member of the current limiter population has a resistance when the electrode assembly is within the range of normal operating temperatures sufficient to limit a current through the unit cell to less than a threshold current I that is less than a current that would induce thermal runaway of the unit cell.

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