Analysis of Thermal Runaway Aftereffects in Nickel-Cadmium Batteries

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In this research, there were obtained and analyzed experimental facts contradicting to the classical mechanism of the thermal runaway in nickel-cadmium batteries. It was shown that all the obtained experimental facts are in exact accordance to the new mechanism of thermal runaway consisting in the colligation of the thermal runaway with a powerful exothermic reaction initiation of the atomic hydrogen recombination.

Keywords: thermal runaway, battery, nickel–cadmium

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