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(54) APPARATUS FOR LIFTING GRAPHITE ELECTRODES

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(57) **ABSTRACT**

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A lifting adaptor configured to lift a graphite electrode includes a main body having a threaded end to secure the lifting adaptor to threads of the graphite electrode, and a lifting component coupled to the main body opposite the threaded end to lift the graphite electrode. The threaded end of the main body may comprise a non-graphite material with a coefficient of thermal expansion (CTE) similar to Invar, within ± 0 to 1 ($\mu\text{m}/(\text{m K})$) over a range from room temperature to 400 degrees Fahrenheit.

