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(54) Title: AMORPHOUS ELECTRODE COMPOSITIONS

(57) Abstract: An electrode composition that includes an electrode material consisting essentially of at least one electrochemically inactive elemental metal and at least one electrochemically active elemental metal in the form of an amorphous mixture at ambient temperature. The electrochemically active elemental metal is preferably Aluminium, Cilicon or Tin. The mixture remains amorphous when the electrode composition is incorporated into a lithium battery and cycled through at least one full charge-discharge cycle at ambient temperature.



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