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(54) Title: METHOD OF TUNING THE ELECTRONIC ENERGY LEVEL OF COVALENT ORGANIC FRAMEWORK FOR CRAFTING HIGH-RATE NA-ION BATTERY ANODE

(57) Abstract: The present invention relates to a covalent organic framework and a covalent organic framework derived Na-ion battery electrode. The present invention further relates to a method of tuning the electronic energy level of covalent organic framework for crafting high-rate Na-ion battery anode and an inclusion of functional modules capable of enhancing the electron accumulation on Covalent Organic Frameworks (COFs) based anodes.

WO 2021/198868 A1