

ABSTRACT**METHOD FOR MANUFACTURING ANODES FOR LITHIUM-ION BATTERIES**

Anode for a lithium-ion battery, including at least one anode material and being binder-free, said anode being precharged with lithium ions, characterized in that said anode material, deposited on an electronic conductor substrate capable of serving as anode
5 current collector, is coated with a protective coating in contact with said anode material, said protective coating being capable of protecting said anode material from the atmosphere of the environment. The anode can be deposited from a vapor phase or by electrophoresis, and the protective coating by ALD or chemically in solution.