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(54) **POSITIVE ACTIVE MATERIAL FOR
RECHARGEABLE LITHIUM BATTERY AND
RECHARGEABLE LITHIUM BATTERY
INCLUDING THE SAME**

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ABSTRACT

Disclosed are a positive active material for a rechargeable lithium battery, and a rechargeable lithium battery including the same. The positive active material for a rechargeable lithium battery includes a first positive active material including a secondary particle including lithium nickel-based composite oxide wherein in the secondary particle, a plurality of primary particles are aggregated and zirconium on the surface of the secondary particle, and a second positive active material including a single particle including lithium nickel-based composite oxide and zirconium on the surface of the single particle, wherein a ratio of a Zr content (at %) relative to all elements on the surface of the single particle of the second positive active material to a Zr content (at %) to all elements on the surface of the secondary particle of the first positive active material is about 1.5 to about 3.0.

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