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(54) **ANODE FOR SECONDARY BATTERY,
METHOD FOR PREPARING THE SAME,
AND SECONDARY BATTERY COMPRISING
ANODE**

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ABSTRACT

In an anode for a secondary battery, a method for preparing the anode, a secondary battery including the anode, and an apparatus for applying a magnetic field, the anode for a secondary battery includes an anode mixture layer on at least one surface of an anode current collector, in which a z-tensor value of a pore in the anode mixture layer is 0.25 or more. The method includes applying an anode mixture slurry including an anode active material to at least one surface of an anode current collector; and drying the anode mixture slurry to form an anode mixture layer. During at least one of the applying and the drying, a magnetic field in which a direction of a line of magnetic force and magnetic force strength change is applied from both upper and lower surfaces of the anode current collector to orient the anode active material and the pore.

