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ABSTRACT OF THE DISCLOSUREELECTRODE PLATE FOR SECONDARY BATTERY WITH NONAQUEOUS
ELECTROLYTE AND METHOD OF MANUFACTURING THE SAME

An electrode plate for a secondary battery with nonaqueous electrolyte comprises a collector and a coated layer formed on the collector by coating a coating solution at least containing an electrode active material and a binder on the collector and then drying the same, wherein a ratio (b/a) of an amount (b) of a binder existing at a boundary portion of the coated layer on a side opposite to a collector side to an amount (a) of a binder existing at a boundary portion of the coated layer contacting the collector is 0.05 or more and less than 2. The manufacturing method of the electrode plate comprises the step of forming a coated layer having a predetermined thickness by repeating at least two times of coating and drying processes for coating the coating solution, wherein a thickness of a coated layer formed in a second time or more than second time coating and drying processes is increased by an amount in a range of 0.4 to 1.6 time of a thickness of a coated layer already formed in preceding coating and drying processes, or wherein an increased amount in weight per unit area of the coated layer formed in a second time or more than second time coating and drying processes is in a range of 0.6 to 1.6 time of a weight per unit area of a coated layer already formed in preceding coating and drying processes.

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