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(54) **POSITIVE ELECTRODE ACTIVE MATERIAL, POSITIVE ELECTRODE MATERIAL, POSITIVE ELECTRODE LAYER, SOLID-STATE BATTERY, AND METHOD OF PRODUCING SOLID-STATE BATTERY**

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(71) Applicant: **TOYOTA JIDOSHA KABUSHIKI KAISHA**, Toyota-chi (JP)

(72) Inventor: **Issei SUGIYAMA**, Susono-shi (JP)

(73) Assignee: **TOYOTA JIDOSHA KABUSHIKI KAISHA**, Toyota-shi (JP)

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ABSTRACT

A positive electrode active material includes a lithium complex oxide having at least one type of structure selected from an O2 structure, a T#2 structure, or an O6 structure. When a total content of metals other than Li and Na is 1, the content of Li is from 0.90 to 1.04, and in a case in which a ratio of a minimum value I_{min} to a maximum value I_{max} of luminances at local maximums of three consecutive peaks in one-dimensional luminance spectra is calculated in a total of 75 cases, the rate at which the ratio of the minimum value I_{min} to the maximum value I_{max} is 0.3 or less is 2 or fewer among the 75 cases.

