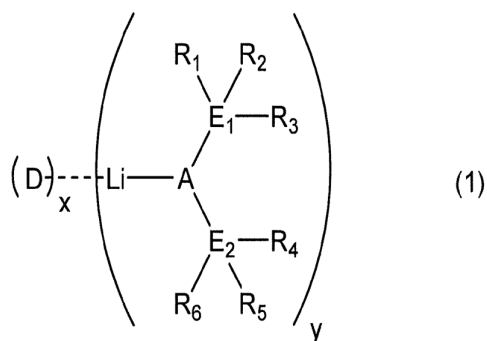


COMPOUND AND METHOD FOR PRODUCING LITHIUM-CONTAINING FILM

ABSTRACT

The present invention provides a compound having a low melting point, enhanced volatility, and excellent thermal stability, and a method for producing a lithium-containing film. The compound is represented by the following formula (1).



(In the formula (1), A is a nitrogen atom, a phosphorus atom, a boron atom, or an aluminum atom;

E₁ and E₂ are independently a carbon atom, a silicon atom, a germanium atom, or a tin atom;

R₁ to R₆ are independently a hydrogen atom or a C1-10 hydrocarbon group having a constituent atom optionally substituted with a heteroatom; however, all of R₁ to R₆ may not be a hydrogen atom;

D is a monodentate or polydentate neutral ligand structure;

x is 0 or an integer of 1 or greater, and y is an integer of 1 or greater; however, if A is a nitrogen atom and none of the carbon atoms constituting R₁ to R₆ is substituted with a heteroatom, x is a number of 1 or greater and y is a number of 1 or greater; and

if there are more than one of A, E₁, E₂, and R₁ to R₆, these may be the same or different.)

[Figure 1]