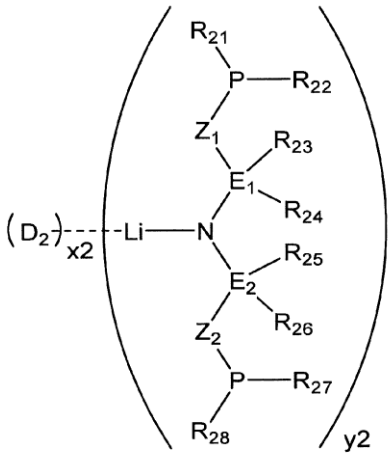
DOCUMENT TITLE: CLAIMS

CLAIM 1

A compound represented by the following formula (ii):

[CHEMICAL EXPRESSION 3]



(ii)

wherein in the formula (ii), E_1 and E_2 are independently a carbon atom, a silicon atom, a germanium atom, or a tin atom;

Z_1 and Z_2 are independently a single bond or a divalent linking group;

R_{21} to R_{28} are independently a hydrogen atom or a C1–10 alkyl group having a constituent atom optionally substituted with a heteroatom; however, all of R_{21} to R_{28} may not be a hydrogen atom;

D_2 is a monodentate or bidentate neutral ligand structure;

x2 is 0 or an integer of 1 or greater; and y2 is an integer of 1 or greater, however, if none of the carbon atoms constituting R_{23} to R_{26} is substituted with a heteroatom, x2 is a number of 1 or greater and y2 is a number of 1 or greater.

CLAIM 2

The compound according to claim 1, wherein E_1 and E_2 are a carbon atom or a silicon atom;

Z_1 and Z_2 are a methylene group or an ethylene group;

R_{21}, R_{22}, R_{27}, and R_{28} are a methyl group, an ethyl group, an n-propyl group, an i-propyl group, an n-butyl group, an i-butyl group, or a t-butyl group;

R_{23} to R_{26} are a hydrogen atom, a methyl group, or an ethyl group;

D_2 is a chain or cyclic ether, a chain or cyclic thioether, or a tertiary amine;

x2 is 0 or 1; and y2 is 1.