ORGANIC ELECTROLUMINESCENT ELEMENT HAVING MOISTURE-REACTIVE COMPOSITION AND MOISTURE-REACTIVE COMPOSITIONS

Abstract

Disclosed herein is an organic electroluminescent element having a moisture-reactive composition. The moisture-reactive composition is a polysiloxane having a main chain and one or more side chains, wherein the main chain and/or the one or more side chains has a group represented by the formula:

$$-MX_mY_n \quad ;$$

and wherein M is selected from the group consisting of a multivalent metal atom, B, and P=O; X is a hydrogen atom, a substituted or nonsubstituted alkyl, alkenyl or alkoxy group; Y is a substituted or nonsubstituted alkoxy, siloxy, carboxyl, or diketolate group; m is from 1 to 3; and n is from 0 to 2.

Figure 1