ABSTRACT

METHOD AND APPARATUS FOR COMBINING SPATIAL PROPERTY INFORMATION WITH 3D INFORMATION

A method of combining spatial property information with three-dimensional (3D) information may include setting an occupied region in a grid region, which is a set of a plurality of shells, by determining the shells occupied by a 3D object in the grid region, generating a plurality of semantic regions in the grid region by assigning one or more spatial properties to each of the plurality of shells on the basis of the occupied region, and generating a spatial property map on the basis of the plurality of semantic regions.

[Figure 9]