



G00002

SIMPLE NAVIGATION SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A simple navigation system is disclosed in which a remote customer service center calculates an optimal route and selects a geo area covering all traveling routes of the optimal route. The geo area is defined by two boundary points, and equally divided by a pair of 2D grid number into multiple geo zones each defined with a respective pair of 2D index. The remote customer service center sends the two boundary points, the pair of 2D grid number, and multiple pairs of 2D indexes of traveling zones arranged orderly from a starting point to a destination to a car wirelessly.

10 The car reconstructs a 2D grillwork with two boundary points, divides the 2D grillwork subject to the 2D grid number, defines each grid a pair of 2D index, and finds a guiding direction by comparing the pairs of 2D indexes of the current grid and the next traveling grid.

FIG. 5



162162