

A Floor Determination Method for Terminal Devices

Abstract

The invention provides a floor determination method for terminal devices, including the steps: S1: generate the atmospheric pressure data of the datum floor; S2: divide the coordinate system of a map and establish city-level grid atmospheric pressure database; S3: add commercial label to the grid data; S4: add the datum atmospheric pressure and floor-height atmospheric pressure difference to each grid; S5: judge the floor according to the device atmospheric pressure. The advantages of this invention include: it puts forward the determination method of building floor originally and can accurately calculate the floor where the device is according to the testing data of atmospheric pressure and device sensor, and the whole process of the method is fast, intelligent and accurate.

FIG. 1