

ABSTRACT

A vehicle key positioning method, an apparatus and a storage medium. The method includes: after a vehicle completes a communication connection with a key of the vehicle, determining respective distances between a plurality of positioning anchor points of the vehicle and the key based on respective ranging signals between the plurality of positioning anchor points and the key; based on the respective distances between the plurality of positioning anchor points and the key, determining at least two reference anchor points from the plurality of positioning anchor points, where a reference anchor point indicates that a ranging signal transmission mode between the reference anchor point and the key is line-of-sight (LOS) wireless transmission; based on respective distances between the determined reference anchor points and the key, determining a first coordinate of the key in a local coordinate system corresponding to the determined reference anchor points; performing coordinate system transformation processing on the first coordinate, so as to acquire a second coordinate of the key in a preset coordinate system of the vehicle; and according to the second coordinate, if it is determined that the key is in a function area of the vehicle, executing a preset operation corresponding to the function area. By means of the method, the problem of inaccurate positioning existing in key positioning methods in the prior art is solved.

Fig. 3