ABSTRACT

The present application provides a vehicle key positioning method and apparatus, a vehicle and a storage medium. According to distances between a vehicle key and multiple positioning anchors of a vehicle, and a preset distance threshold, a first position of the key indicating that the key is in a near field of the vehicle is determined; according to the distances and a pre-trained first machine learning binary classifier, a second position of the key indicating that the key is outside the vehicle is determined; according to the distances and a pre-trained second machine learning binary classifier, a third position of the key indicating that the key is on a side of the vehicle is determined; according to the distances, a pre-trained machine learning regression model and a preset triangular positioning algorithm, final position coordinates of the key relative to the vehicle is determine. By dividing the vehicle area into different hierarchical areas and determining the final position through different manners, the accurate positioning of the vehicle key is achieved.

Fig. 2