ABSTRACT OF THE DISCLOSURE

The present application provides a positioning method and system for an inspection scene, relating to the field of intelligent transportation. The method includes: acquiring image data and positioning data of an inspection scene in real time; performing semantic segmentation and feature extraction on the image data to obtain a scene classification result and a feature vector; performing disease identification based on the image data, the scene classification result, and the feature vector, and if a disease is identified, performing a hybrid search in a preset scene vector database based on the positioning data and the feature vector to obtain a hybrid search result of the inspection scene; and updating the hybrid search result to the scene vector database to complete disease positioning of the inspection scene. ~~In the present application, an edge-cloud collaborative system architecture and an artificial intelligence (AI) image analysis algorithm are used to implement accurate and rapid positioning for a scene of an inspection device.~~

Fig. 1 for publication