ABSTRACT

A vehicle inspection method is disclosed, comprising steps of: implementing a ray scanning inspection on an inspected vehicle , so as to obtain a ray scanning inspection image of the inspected vehicle; extracting vehicle characteristic information; comparing the vehicle characteristic information of the inspected vehicle to vehicle reference characteristics stored in a database, selecting a closest vehicle reference characteristic which is closest to the vehicle characteristic information, and finding out a closest ray transmission reference image on the basis of a corresponding relationship between the vehicle reference characteristics and ray transmission reference images stored in the storage unit; determining a first distinguishing area of the ray scanning inspection image from the closest ray transmission reference image by comparing the ray scanning inspection image of the inspected vehicle to the closest ray transmission reference image. A vehicle inspection system is also disclosed.