

ABSTRACT OF THE DISCLOSURE

A road simulation test apparatus for a vehicle cab is provided, which relates to the technical field of simulated driving devices, and includes a main body structure, an external rearview component, a directional structure, and a control box. The main body structure is detachably installed in a cab and connected to the control box. The external rearview component is detachably disposed on external rearview mirrors and connected to the control box, and the directional structure is detachably disposed on a steering wheel and wirelessly connected to the control box. The road simulation test apparatus is powered on by directly connecting the control box to an OBD (On-Board Diagnostics) interface of the cab, front dashboard display screens and an internal rearview screen are used to achieve projection simulation of pictures, and an external rearview component is configured to achieve projection simulation of pictures of external rearview mirrors, which can achieve more realistic visual experience and makes a driver feel a visual experience close to real driving in a simulated environment. Driving simulation indoors can reduce a risk of actual road driving, thereby providing a safe learning and practice environment for the driver and reduce teaching costs.

Fig. 1 for publication