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(57) Abstract :

A public vehicle tampering detection system, comprising multiple cuboidal modules 101, a camera 102 monitor exterior and interior conditions of the public vehicle, a luggage covering module 203 includes multiple extendable sliding rails 204 that enable a shield to extend over the luggage for protection, multiple interconnected flaps 103 cover the luggage placed on the rack, the flaps 103 include of a fixed frame 104 onto which a slider 105 is attached and is connected to a link 106 with a motorized crank 107, the rotation of the crank 107 leads to the motion of the slider 105 and output link 106 used to slide the flaps 103, a brake operating actuator includes a box 108, multiple motorized suction unit 109, and a mounted telescopic pusher 110, equipped with a curved plate 111, which engages the brake for stopping the vehicle.

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