

ABSTRACT

The present disclosure provides a security inspection system. The system comprises: a movable carrier; a bearing device detachably arranged on the movable carrier and arranged on one side of the movable carrier in the first direction after the bearing device is detached from the movable carrier, so that an inspection passage through which an object to be inspected passes is provided on one side of the movable carrier; a scanning system configured to scan and detect the object to be inspected passing through the inspection passage, and including a first scanning device, wherein the first scanning device comprises a first radiation source and a first transmission detector cooperating with each other, one of the first radiation source and the first transmission detector is arranged on the movable carrier, and the other is arranged on the bearing device; and a connection device configured to connect the movable carrier and the bearing device arranged on one side of the movable carrier in a first direction after the bearing device is detached from the movable carrier, so that the first radiation source and the first transmission detector are coplanar with each other. In this way, it is possible to improve the detection accuracy.