

ABSTRACT

The present disclosure relates to the field of security inspection. Provided is a method for separating a target object in a three-dimensional CT image. The method comprises: on the basis of CT data, acquiring point cloud data, the CT data being obtained by a security inspection device performing computed tomography scanning on N objects to be inspected, and N being greater than or equal to 2; according to the point cloud data, determining a target object area in N said objects; and separating the target object area from a three-dimensional CT image. Further provided in the present disclosure are an apparatus for separating a target object in a three-dimensional CT image, a device, a storage medium and a program product.