

ABSTRACT

An analysis device is an analysis device for visualizing an accuracy of a trained determination device for outputting a non-defective product label or a defective product label and includes an acquisition unit that acquires an image pair of a non-defective product image with a non-defective product as a subject and a defective product image with a defective product as a subject, an extraction unit that extracts an image region of a defective part of the defective product on the basis of the image pair, a generation unit that changes a feature quantity of the image region of the defective part to generate a plurality of image regions of pseudo-defective parts, a compositing unit that synthesizes each of the image regions of the plurality of pseudo-defective parts with the non-defective product image to generate a plurality of composite images having different feature quantities, an image output unit that outputs the plurality of composite images to the determination device, a result acquisition unit that acquires a label corresponding to each of the plurality of composite images from the determination device, and a display control unit that displays an object indicating the label corresponding to each of the plurality of composite images in an array based on the feature quantities.

Figure 1