

ABSTRACT

In the prediction of a resin pattern, images of a plurality of sample resins corresponding to pattern material information are captured first. Then, from among the captured images, a plurality of images are selected on the basis of the pattern material data, and are combined to synthesize an image for output. The image synthesis and output process is repeated by varying the pattern material data until the output image shows a desired resin pattern, and thereby the pattern material data for obtaining a resin having the desired resin pattern is determined. In the prediction of a resin color, the color of a resin molding is predicted from color material data, and the predicted image is output. The prediction and output process is repeated by varying the color material data until the output image matches an image of a resin molding having a desired color, and thereby the color material data for obtaining the resin molding having the desired color is determined.