

Abstract

System and Method for Adaptively Constructing a Three-Dimensional Facial Model Based on Two or More Inputs of a Two-Dimensional Facial Image

A system and a method for adaptively constructing a three-dimensional (3D) facial model based on two or more inputs of a two-dimensional (2D) facial image are disclosed. The server includes at least one processor and at least one memory including computer program code. The at least one memory and the computer program code are configured to, with the at least one processor, cause the server at least to receive, from an input capturing device, the two or more inputs of the 2D facial image, the two or more inputs being captured at different distances from the image capturing device, determine depth information relating to at least a point of each of the two or more inputs of the 2D facial image and construct the 3D facial model in response to the determination of the depth information.

Fig. 1