

【ABSTRACT】

Disclosed is an augmented reality-based pipe welding point management method using a mobile device on which a welding point management application is installed and a camera for capturing an object to be managed is mounted. The method comprises the steps of: implementing that the welding point management application is executed to match the actual reality of a pipe construction site with the virtual reality related to the pipe construction site so as to display the augmented reality, a welding point generation bar, in addition to the augmented reality related to the pipe construction site, being further displayed on the screen of the mobile device, and being reduced and scaled to correspond to the object to be managed that was implemented in the augmented reality related to the pipe construction site; displaying, as a virtual line, the corresponding object to be managed and activating same if there is a first touch input by which a user to manage a welding point in virtual reality selects the object to be managed; generating a reference welding point at a secondary touch input point if there is a secondary touch input for the welding point generation bar, such that a user applies the welding point to the object to be managed; and generating and displaying a virtual welding line at a point on the

object to be managed that was implemented in augmented reality corresponding to the reference welding point generated at the secondary touch input point.

FIG. 1