

ABSTRACT

The present invention relates to a floating-type on-water support apparatus, and more specifically, to a floating-type on-water support apparatus allowing an offshore structure to be prevented from rotating in place. The floating-type on-water support apparatus includes a ball, a floating unit including a floating part which floats on water and supports the ball so that the ball is rotatable, and a support rod of which one end is exposed above the water so that a structure is installable thereon and the other end is heavier than the one end so that the support rod stands vertically in the water and which is coupled to the ball. In this case, a guide groove is formed along a circumferential surface, which passes through the support rod, of the ball. In addition, the floating unit further includes a restriction protrusion fitted into the guide groove to restrict the ball from being rotated about an axis of the support rod and a fixing member by which the restriction protrusion is installed on the floating part. According to the present invention, since the restriction protrusion is fitted into the guide groove of the ball, the support rod coupled to the ball may be prevented from being rotated about a central axis thereof. Accordingly, when a wind power generator is installed on the support rod, rotation of a shaft of the wind power generator due to wind may be prevented.