

ABSTRACT

PHOTOVOLTAIC FLOATING ISLAND AND FLOATING BODY SYSTEM THEREOF

A floating body system and a photovoltaic floating island comprising the floating body system. The floating body system comprises a buoy assembly, the buoy assembly comprising a plurality of supporting buoys (2) arranged at intervals, and a single photovoltaic panel (1) being jointly supported by one or more supporting buoys (2). The photovoltaic floating island comprises a photovoltaic panel (1), a floating body system and a support (3), the support (3) being mounted on the supporting buoys (2) of the buoy assembly, and the photovoltaic panel (1) being supported on the support (3). The volume of a single buoy of the floating body system is small, such that the floating body system has great advantages in terms of processing, transportation and construction.

Figure 2