

FLOATING POWER GENERATION SYSTEM AND SUPPORT ARRAY THEREOF

ABSTRACT

A floating power generation system and a support array of the floating power generation system are provided. The support array has a grid shape, including multiple first coupling beams spaced from each other and multiple second coupling beams spaced from each other. The first coupling beam is connected to the second coupling beam. The first coupling beam includes multiple connected floating bodies, and the second coupling beam includes multiple connected tubular beams. The tubular beams are mounted to the floating bodies. The support array of the floating power generation system described above, has the advantages of both the pure floating body solution and the framework solution in the conventional art, and the support array can overcome the defects of the two solutions. With the above technical solution, high anti-surge capability and compatibility can be ensured, so that the support array has strong applicability in different regions.

Fig. 2