ABSTRACT OF THE DISCLOSURE

MOUNTING BRACKET FOR AN OFFSHORE PHOTOVOLTAIC MODULE

A mounting bracket for an offshore photovoltaic module includes a buoyancy body extending along a lengthwise direction, a first pole and a second pole disposed on and extending from the buoyancy body along a height direction and spaced apart from each other in the lengthwise direction, and a reinforcing beam and a carrying beam connected with the first and second poles. Each of the first and second poles has a U-shaped cross-section for increasing the second moment of area, thereby improving the resistance to flexure of the first and second poles. The reinforcing beam extending in an inclined manner to further improve the resistance to flexure in the lengthwise direction so as to enhance the rigidity and durability of the entire offshore photovoltaic module assembly.

Fig. 2 is suggested for publication.