

TITLE OF INVENTION: SOLAR POWER PLANT**ABSTRACT**

An offshore photovoltaic power plant (100) comprising a pliable mat (2) configured to be arranged on a surface (33) of a body of water, the mat (2) having a plurality of photovoltaic modules (1) fixed thereon. The photovoltaic modules may be marinized and equipped with a buoyant rigid aluminium structure which prevents mechanical damage to the cells. The rigid backside structure may also serve as an efficient heat sink by direct thermal conduction from the solar cells to the pliable mat. There is also provided a fish farm, an offshore power plant, a method of constructing an offshore photovoltaic power plant and a method of installing a floating photovoltaic power plant.

Fig. 13