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(54) **DYE-SENSITIZED SOLAR CELL HAVING HIGH DURABILITY AND HIGH CONVERSION EFFICIENCY**

(57) A dye-sensitized solar cell with high photoelectric conversion efficiency and excellent durability is provided.

The dye-sensitized solar cell comprises a photoelectrode and a counter electrode that are disposed opposite to each other via an electrolyte layer;

(1) the photoelectrode comprising a metal titanium material or titanium alloy material, and a semiconductor layer

er formed on the metal titanium material or titanium alloy material, the semiconductor layer containing a dye sensitizing agent;

(2) the counter electrode comprising a metal titanium material or titanium alloy material coated with an electrochemical-reduction catalyst layer;

(3) a light irradiation means being disposed between the photoelectrode and the counter electrode.

Fig. 1

