ABSTRACT

A CONDENSING TYPE SOLAR CELL APPARATUS

A concentrating solar cell apparatus is disclosed, comprising a concentrating assembly, a solar cell assembly and a heat dissipation assembly. The concentrating assembly concentrates light rays in a large area on a focus by the well-known concentrating theory of concave mirror. The solar cell assembly is composed of plurality of quadrate solar cell pieces and is mounted on side surfaces of a support, said support being closely connected with the solar cell pieces and a parabolic base, so as to form a heat conducing path and compose the heat dissipation assembly, so that a great deal of heat received by the solar cell pieces is dispersed via the heat conducing path, and the purposes of concentrating light in a desired super-high rate and dissipating heat in time is therefore realized.

Fig. 3