

**95-0450**

The invention relates to the concentrated sun collectors and may be used for solar - to - thermal energy conversion.

The sun plant comprises a framework with an indexing mechanism, a reflector, the concentrated energy line load, placed above the reflector, the guiding arcs of the framework are made in the form of a parabola and the reflector is fixed to them, made of the film with applied reflecting layer, at this the line load is placed in the reflector focus, its length being with two focal distances more than the length of the framework.

The technical result of the invention consists in the reception possibility of thereflected solar energy, which is directed at an angle to the normal in the reflecting surface centre.

Claims: 1

Fig.: 1