

Automatic sun-tracking mechanism for a solar panel comprises supports for a base containing a telescopic tripod, on which is mounted a console with a ball joint connected to a frame, on which are mounted bushings with tie rods attached to a lever, which are pivotally attached to a lever support with an axis, a rod axis, a rod with a piston located in a cylinder containing ether and an electric heating coil, which is covered with solar cells and a heat insulator, beneath which lies the electrical connection of the solar cells. The frame has a stand with a ball-jointed support, and a support platform with a solar panel.