

The main aim and focus of our project is to design and analysis an effective steering system for electric-solar vehicle. Ackerman steering principle is taken as the consideration of steering...

Developing the prototype of this steering wheel was my senior design project along with one partner, another electrical team member. We studied steering wheels from competitors and ...

The solar cell panel automatic steering apparatus is advantaged in that the solar cell panel automatic steering apparatus is capable of greatly increasing the power generating...

Modern photovoltaic panel automatic steering mechanisms work on similar principles, but with NASA-level precision. Let's crack open the technical blueprint and discover how these solar-tracking ...

The utility model discloses a servo motor makes the backup pad rotatory to make the photovoltaic board rotate, make the photovoltaic board rotate according to the position of sun, thereby...

This was one of my first projects on solar car where I designed a new steering wheel that had its own integrated PCB to minimize the wiring harness connecting it to the rest of the car.

SunPower Maxeon solar cells are engineered to be highly receptive to the blue light of early morning and cloudy conditions, as well as the red light of evening. By producing power earlier ...

In this paper a virtual prototype of linkage assembly with complete geometry is proposed to enhance and facilitate steering response of an Electric-Solar Vehicle by varying the different parameters employed ...

Weighing under 400 pounds, Xenith has a 4-inch thin chassis and is made of a unique blend of carbon fiber, titanium and aluminum. A novel three-wheel steering system was also developed whereby the ...

According to standard dimensions steering wheel diameter ranges from 14 1/2 to 17 1/2 inch and grip circumference ranges from 23 3/4 to 41 1/4 inches. Generally from 2009, 14 1/2 inch wheel diameter is ...

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