

Self-Calibrating Solar Position Sensor Apparatus and Method

Disclosure Number

201202893

Technology Summary

The invention relates to solar devices and more specifically to apparatuses and methods of tracking the sun for improved efficiencies. The concept behind this invention is that both the intensity and the position of the sun are predictable and smoothly varying. The proposed invention provides a means for locating the centroid of the sky's intensity and determining whether the centroid data provide a reliable indicator of the sun's actual position. The determination of data fidelity is made through the combination of intensity data and recent centroid data.

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