Abstract

Apparatus for transferring a solar wafer or solar cell during fabrication

An apparatus for transferring a solar wafer or cell is disclosed, which comprises: i) a rotary motor; ii) a gripper for holding the solar wafer or cell; and a rotary arm connected between the rotary motor and the gripper, the rotary arm being drivable by the rotary motor in a first rotary direction through a transfer angle for transferring the solar wafer or cell between different positions. In particular, the apparatus further comprises an angle-compensating device configured to drive the gripper through a same transfer angle as the rotary arm in a second rotary direction opposite to the first rotary direction, to ensure that an angular orientation of the solar wafer or cell remains constant during rotation of the rotary arm.

[FIG. 1]