

**MECHANICAL PARKING APPARATUS AND POWER SUPPLYING METHOD FOR
MECHANICAL PARKING APPARATUS**

{Abstract}

A mechanical parking apparatus (10) is provided with a solar cell (14) that converts solar light to electrical power; a raising/lowering motor (32) and a turning motor (34), which are electric power loads that utilize DC power; and a powercon (24) that outputs solar-generated power as AC power and DC power. Also, the mechanical parking apparatus (10) supplies the DC power output from the powercon (24) to the electric power loads and transmits the AC power output from the powercon (24) to a power grid (22). Therefore, with the mechanical parking apparatus (10), it is possible to efficiently utilize the electrical power generated by the solar cell.

FIGURE 2