

TITLE:

POWER MANAGEMENT SYSTEM FOR WIRELESS POWER SUPPLY

ABSTRACT

5 Disclosed is a power management system for a wireless power supply. The power
management system includes multiple control devices, a wireless charging platform, and a
remote monitoring device. The control devices are respectively disposed on one of
multiple electric auxiliary vehicles. The wireless charging platform wirelessly charges at
least one of the electric auxiliary vehicles. The remote monitoring device wirelessly
10 communicates with the wireless charging platform to control a power supply behavior of
the wireless charging platform. A first control device among the control devices is
disposed on a first electric auxiliary vehicle among the electric auxiliary vehicles. The
wireless charging platform wirelessly powers the first electric auxiliary vehicle in response
to a first command. The wireless charging platform wirelessly powers at least one of the
15 other electric auxiliary vehicles by using a battery power of the first electric auxiliary
vehicle in response to a second command.

FIG. 1