

POWER FEEDER

ABSTRACT

5 A power feeder 100 includes a feed line 3 extending along a travel path P for movable
bodies to feed power to the movable bodies, a power supply device 4 connected to the feed line
3 to supply power to the feed line 3, and a control system 5 that controls the power supply
device 4. The control system 5 includes a count obtainer 51 that obtains count information
indicating the number of movable bodies in a power feed area A in which the feed line 3 is
disposed in the travel path P, and a controller 52 that performs, based on the count information,
10 variable power control to reduce power from the power supply device 4 to the feed line 3 in
response to a decrease in the number of movable bodies in the power feed area A and to increase
power from the power supply device 4 to the feed line 3 in response to an increase in the number
of movable bodies in the power feed area A.

15 [Selected Figure: FIG. 3]