

Abstract

Position Management Apparatus and Assisting Apparatus

The position management apparatus (7) of the present invention comprises:
motors (35, 45) connected to a power supply (61) via a power switch (63); a
5 position detecting device (71, 72, 62) operating by being connected to the
power supply and detecting the rotational position of the motors or the drive
position of driving members (31, 41) driven by the motors; position storage
devices (62, 67) operating by being connected to the power supply and storing
the rotational position or the drive position detected by the position detecting
10 devices; and a power cut-off delay circuit (76) for keeping the position detecting
devices and the position storage devices connected to the power supply even if
the power switch is shut off from a conducting state, and for storing the
rotational position or the drive position of the position storage devices after the
motor has lost its rotational speed. With this, it is possible to provide a low-cost
15 position management apparatus which accurately manages the drive position of
driving members without being affected by the inertial rotation of the motor
when the power supply is cut off.

(FIG. 3)