ABSTRACT

According to the embodiments of the present invention, the SCR switches are turned off immediately after the controller of the VSP blocks the gate signals of the SCR switches which constitute the power switch, and thus, the reverse current in which the AC output from the power compensation device in order to supply to the load flows into the external power supply through the SCR switches is generated. Therefore, a conventional problem in which a voltage sag or power shortage is caused by the reverse current in the load is addressed.

(Figure 2)