

ABSTRACT

"METHOD, APPARATUS AND SYSTEM FOR CONTROLLING AN ELECTRICAL LOAD"

Disclosed is a system, apparatus and method for controlling an electrical load. A bypass device is provided in parallel with the electrical load, which in use, adopts a high conduction or low impedance state when a controller controlling the electrical load is in a low conduction or off state. In one embodiment, the bypass device comprises a detector for detecting the conduction state of the controller, and a bypass control for controlling the impedance of the bypass device in response to the detected state of the controller.

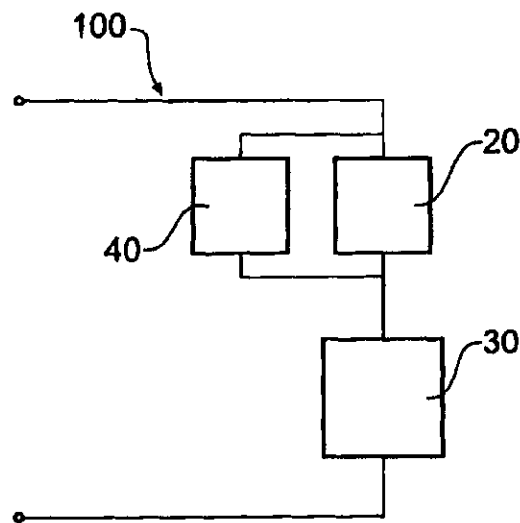


Figure 4A

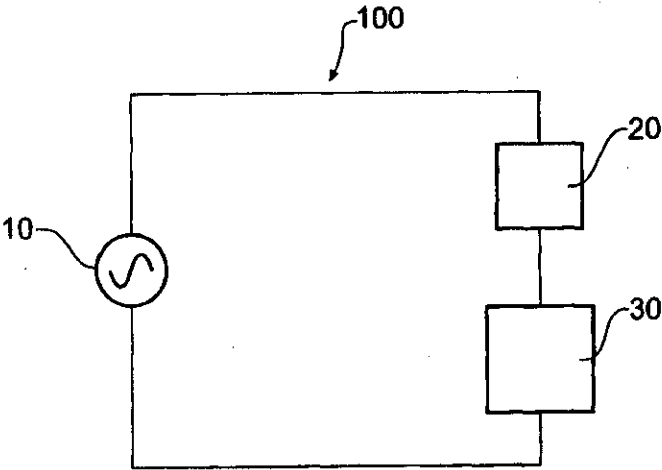


Figure 1

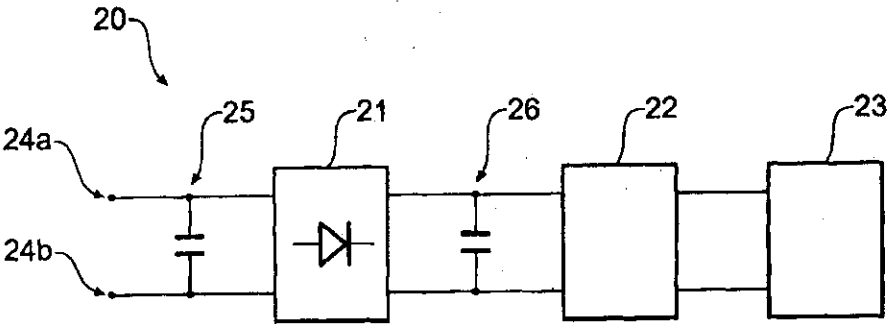


Figure 2



Figure 3a

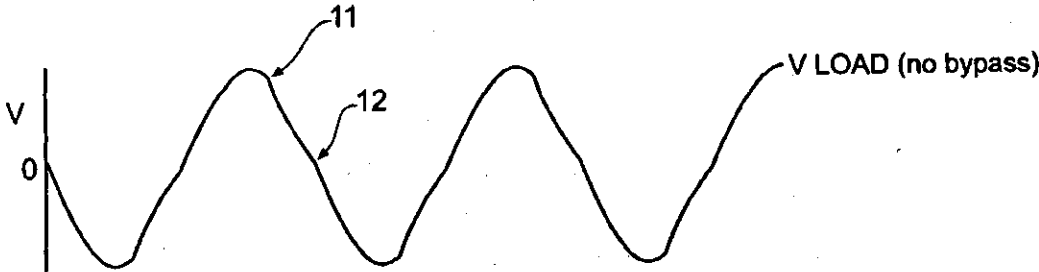


Figure 3b

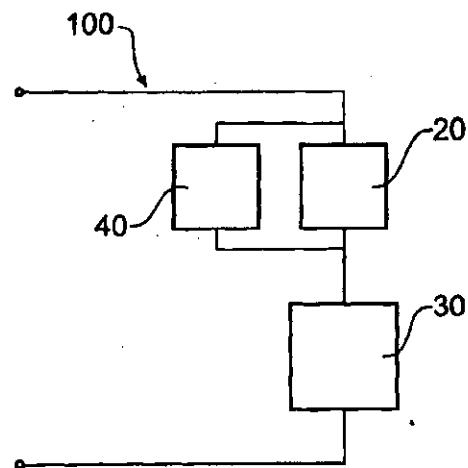


Figure 4A

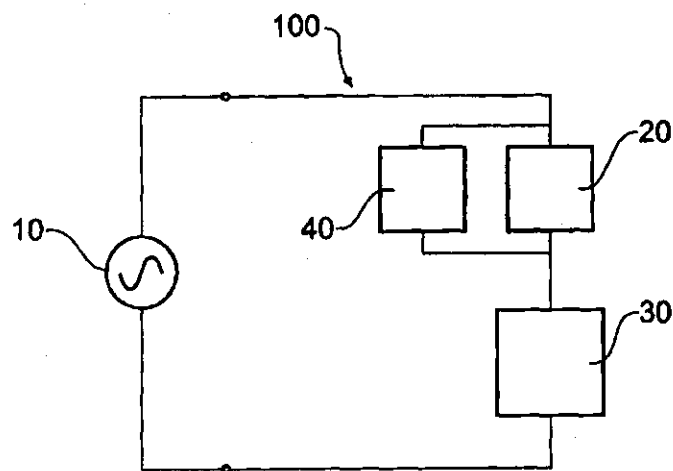


Figure 4B

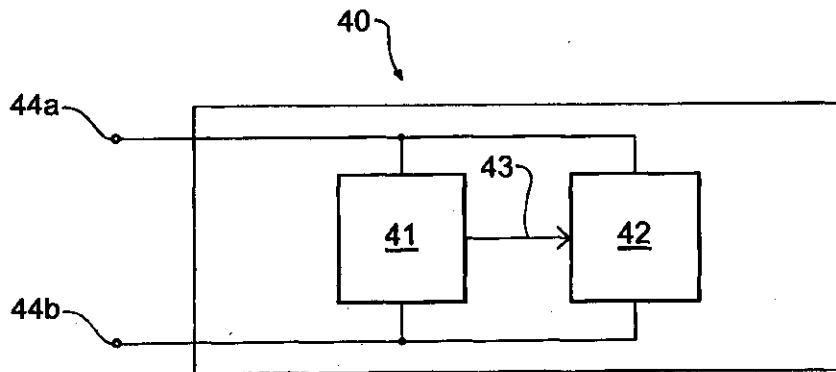


Figure 5

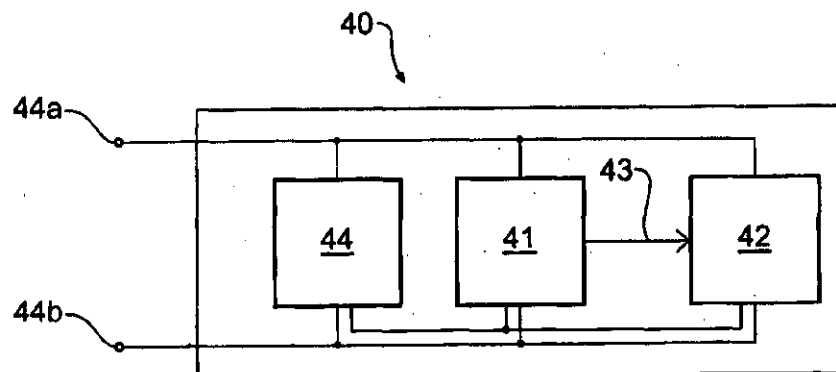
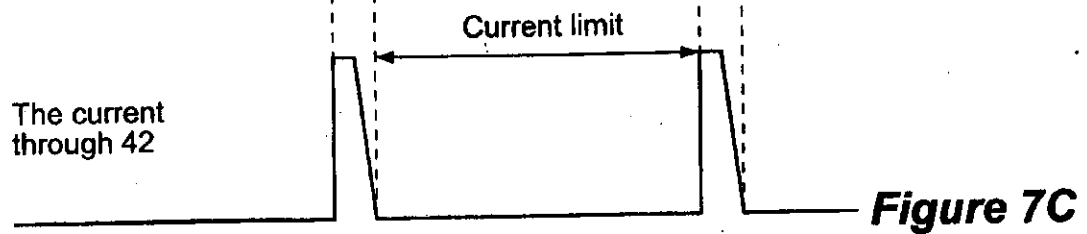
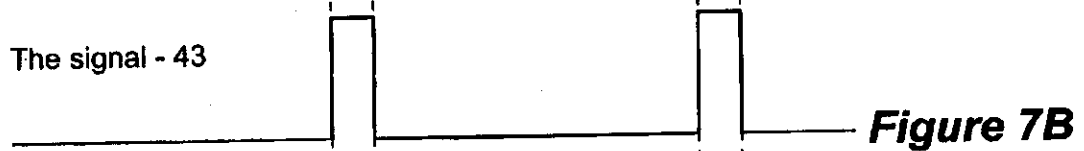
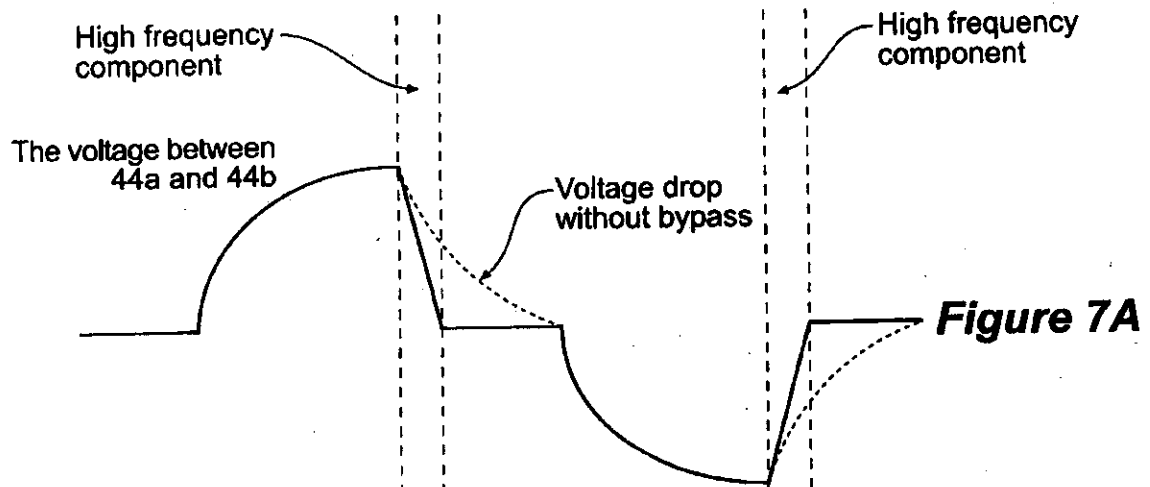
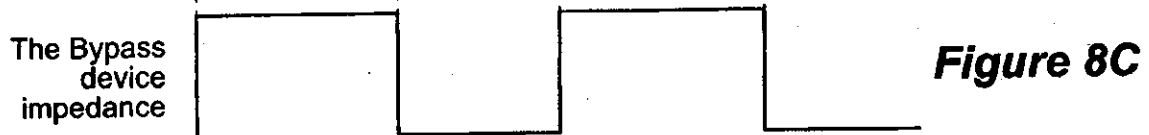
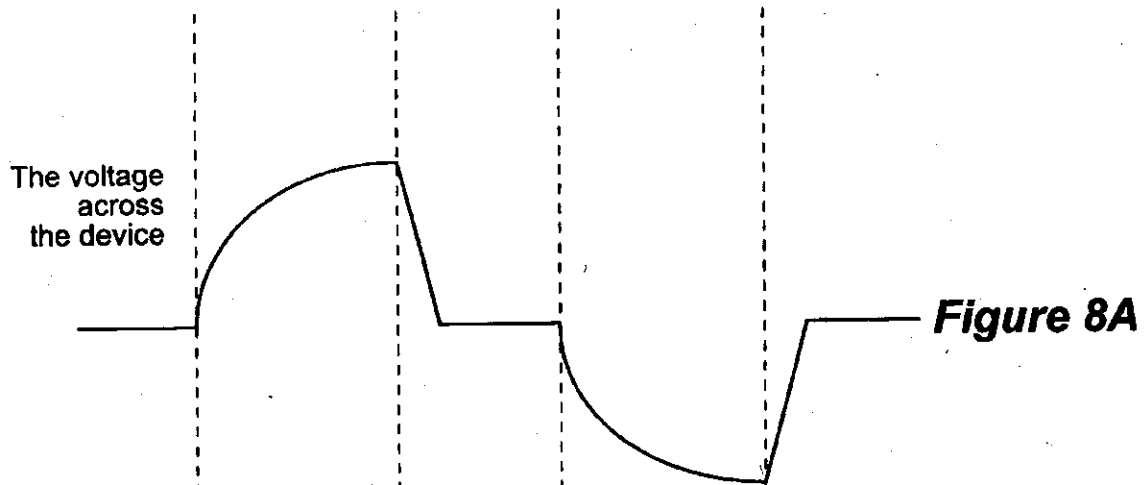


Figure 6





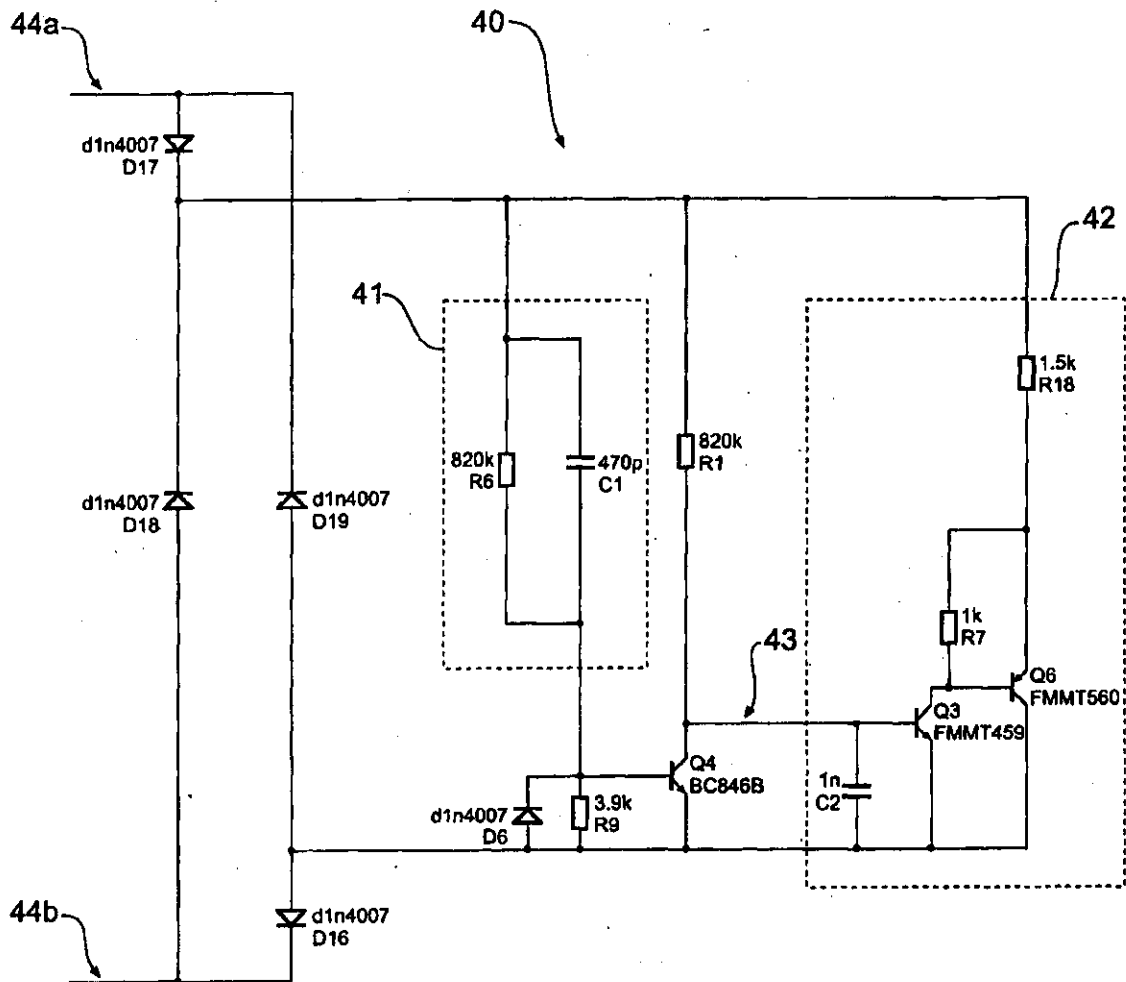


Figure 9A

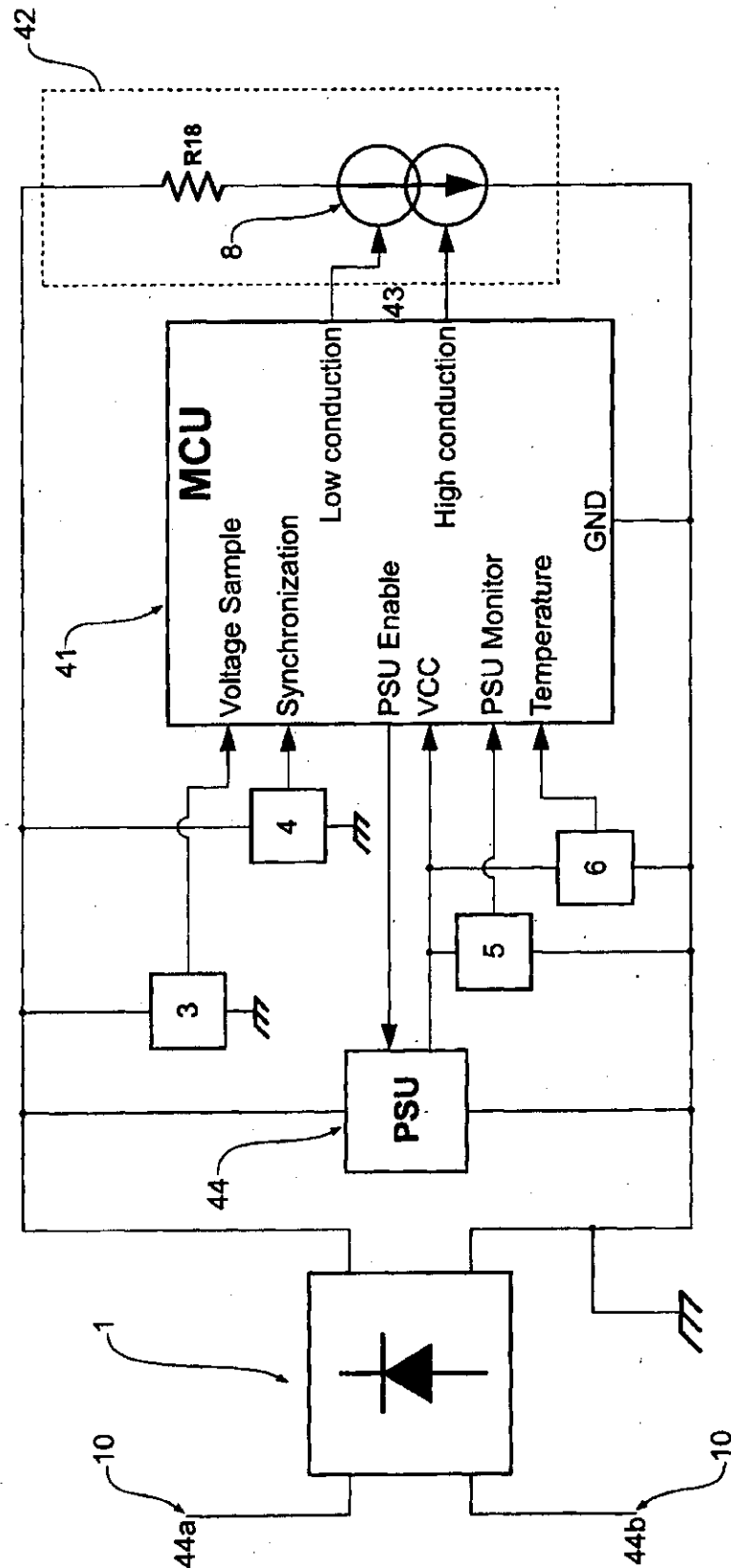


Figure 9B

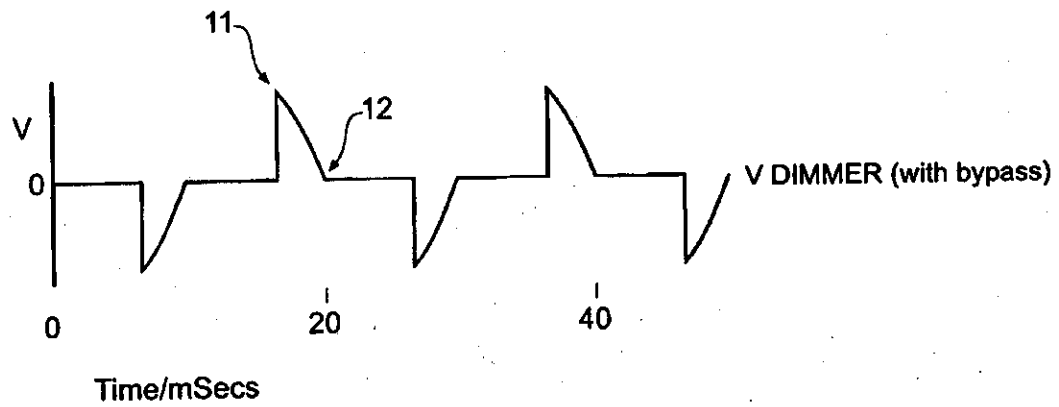


Figure 10A

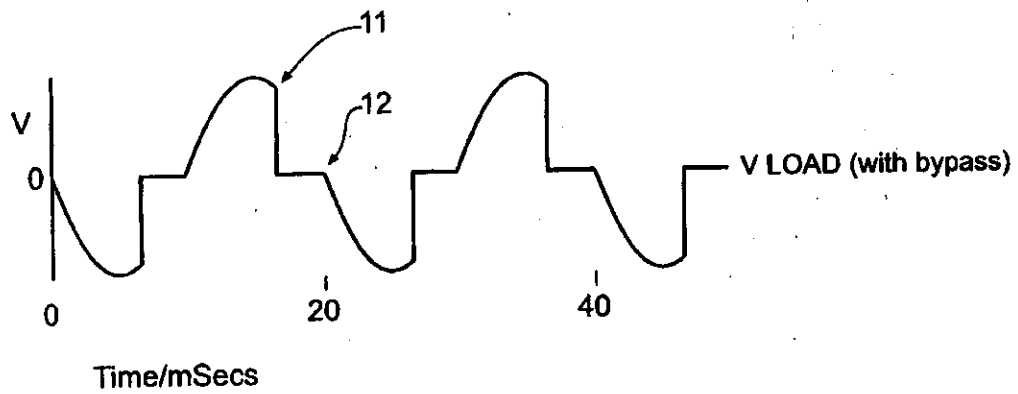


Figure 10B

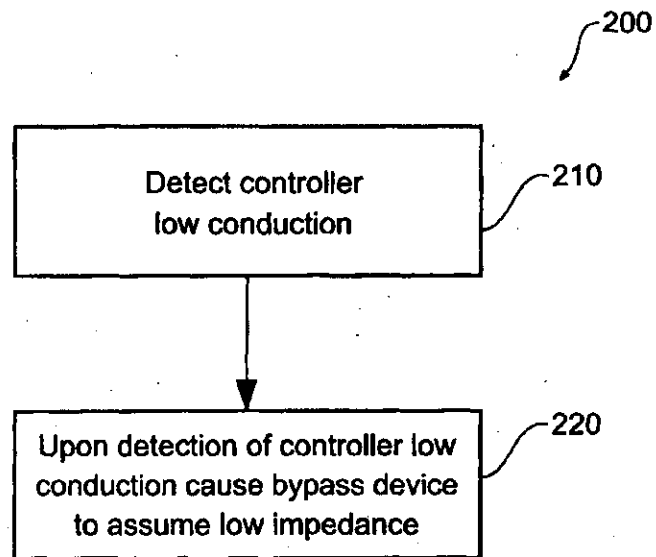


Figure 11

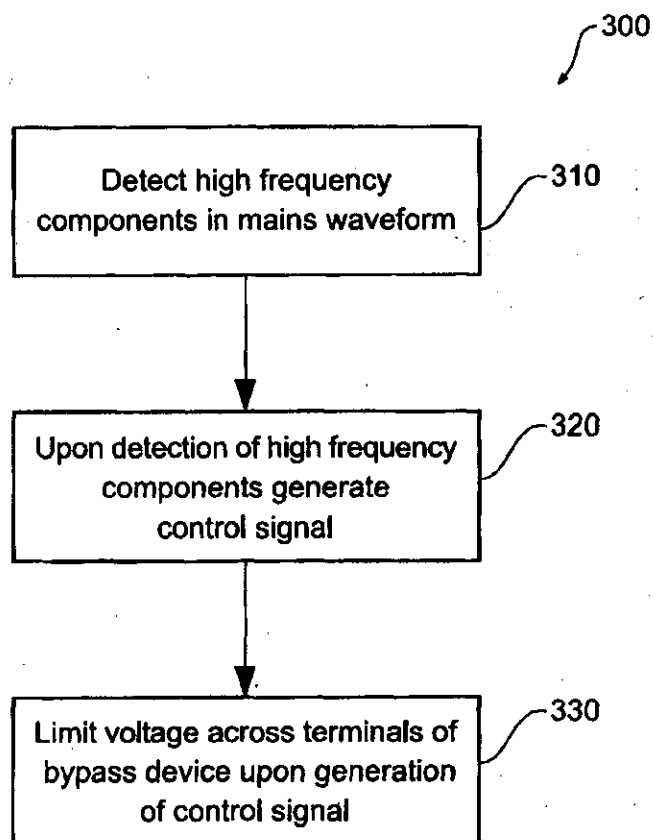


Figure 12