

SYNCHRONOUS REGULATION CIRCUIT FOR TURN-ON AND TURN-OFF PHASE ANGLE OF THE AC VOLTAGE

ABSTRACT

5 The present invention provides a synchronous regulation circuit for
turn-on and turn-off phase angle of the AC voltage, wherein a solid switch
unit is installed between an AC power source and a load, and a phase
angle regulation circuit is utilized to synchronously regulate both of the
turn-on phase angle and turn-off phase angle of the solid switch unit, so
10 that the sine waveform voltage of the AC power source can be kept to
output in symmetrical waveforms within the range in which the turn-on
and turn-off phase angles being synchronously regulated.

Figure 4