

ABSTRACT:

5

The current invention provides circuitry for use in an integrated circuit controlled voltage doubler/bridge circuit such that during any period wherein a lack of AC supply voltage is detected by the circuitry and following a period of AC input voltage within a lower defined range of values, repeated triac firing pulses are provided such that the AC supply will be rectified and doubled as soon as such a supply returns, whether the supply returns with the same or opposite polarity to that which it had, just before being interrupted.

[Figure 6]

This Sheet Has Been Replaced

